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PROJECTIONS AND PLANNING INFORMATION



Yuba City

Metropolitan Statistical Area
(Sutter and Yuba Counties)

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EMPLOYMENT DEVELOPMENT DEPARTMENT

PROJECTIONS AND PLANNING INFORMATION

YUBA CITY METROPOLITAN STATISTICAL AREA (SUTTER AND YUBA COUNTIES)

Mailing Address:

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Labor Market Information Division, MIC 57
P.O. Box 826880
Sacramento, CA 94280-0001**

**For additional information for this county,
call Linda Rodgers, (916) 683-4458
or (916) 262-2162.**

**State of California
Health and Welfare Agency**

PROJECTIONS AND PLANNING INFORMATION

YUBA CITY METROPOLITAN STATISTICAL AREA (SUTTER AND YUBA COUNTIES)

Population Projections
for the Yuba City Metropolitan Statistical Area
and Sutter and Yuba Counties
1980-2000
U.S. Census Bureau
Washington, D.C. 20540

U.S. Census Bureau
Washington, D.C. 20540



Serving the People of California



LABOR MARKET INFORMATION DIVISION

MISSION

WE PROMOTE CALIFORNIA'S ECONOMIC HEALTH BY PROVIDING INFORMATION TO HELP PEOPLE UNDERSTAND CALIFORNIA'S ECONOMY AND MAKE INFORMED LABOR MARKET CHOICES.

VISION

WE ARE THE LABOR MARKET INFORMATION SOURCE FOR CALIFORNIA AND A NATIONAL LEADER IN LABOR MARKET INFORMATION. WE ARE AN INNOVATIVE, CREATIVE AND EXPERT CONSULTING ORGANIZATION; AN ECONOMIC DEVELOPMENT AND RESEARCH PARTNER; AND A PRESTIGIOUS AND HIGHLY CREDIBLE ORGANIZATION.



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Projections & Planning Information

Module A:

Introduction

PROJECTIONS AND PLANNING INFORMATION

1999 UPDATE

FOR

SUTTER / YUBA COUNTIES

New Module A: INTRODUCTION

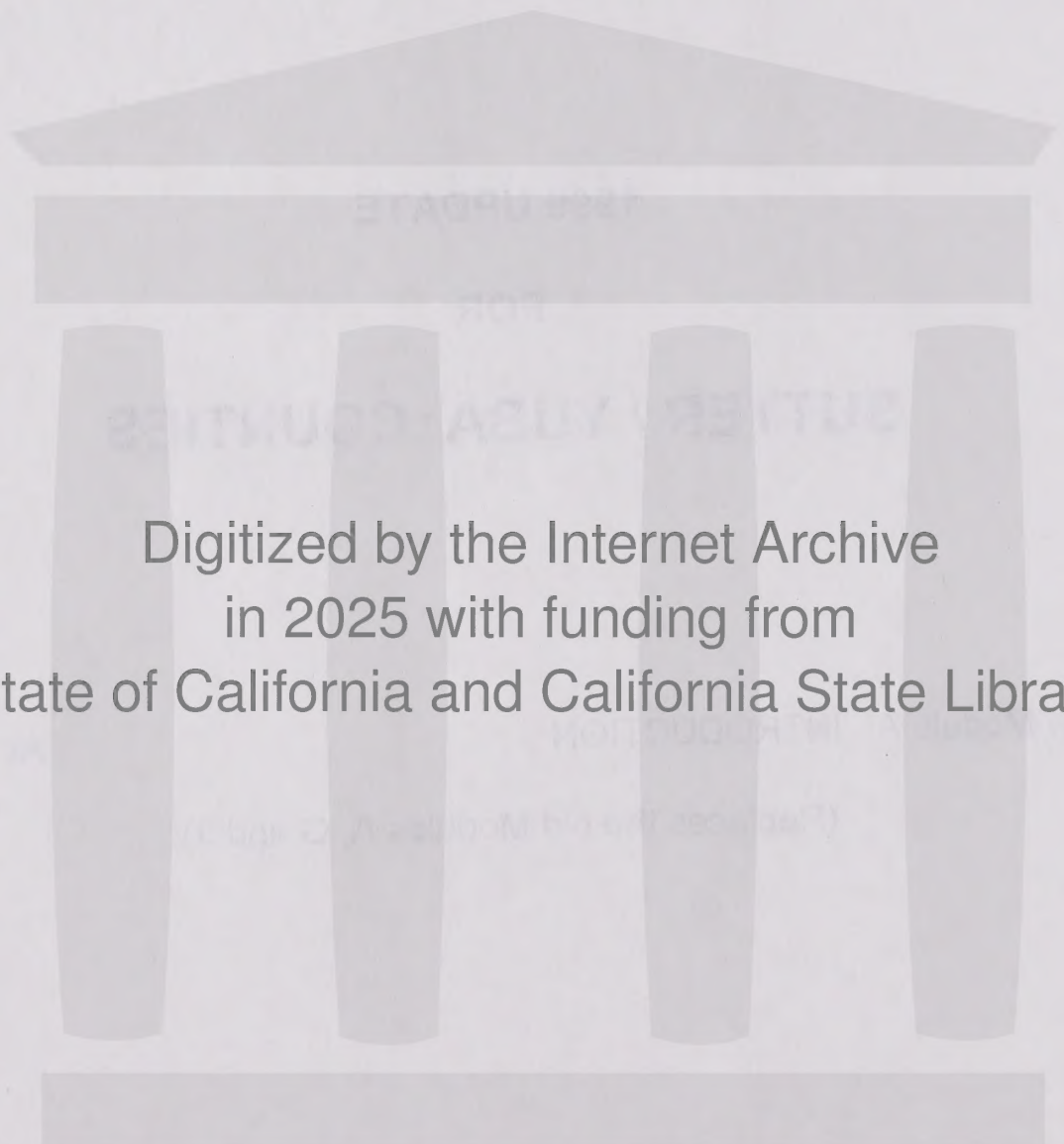
All Pages

(Replaces the old Modules A, G and J)

EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION

For questions about this report, call (916) 262-2309.





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TABLE OF CONTENTS

MODULE A: INTRODUCTION

NOTE TO READERS	A-v
-----------------	-----

COUNTY INFORMATION

Area Profile.....	A-1
Area Map.....	A-2
Population of the County and Selected Cities.....	A-3
Population Estimates for California and Counties.....	A-4

RESOURCE INFORMATION

LMID Area Consultants.....	A-5
Labor Market Information Product List.....	A-8
Dictionary of Occupational Titles (DOT).....	A-11
O*NET - The Occupational Information Network.....	A-12
SOC - Standard Occupational Classification.....	A-13
Job Service Offices.....	A-14
EDD Internet Page.....	A-15
Related Websites.....	A-16

NOTE TO READERS

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 970,000 employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information (PPI) publication for 55 counties and the State. Each module within the PPI is designed to present data in the clearest and most usable form possible. The variety of reports within each module is intended to answer the most often asked questions. These reports are issued in modules that are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

Customers may choose some or all of the following modules:

Module A: Introduction Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- LMID Area Consultants
- Labor Market Information Product List
- O*NET – The Occupational Network
- SOC – Standard Occupational Classification
- Job Service Offices
- EDD Internet Home Page
- Related Websites

Module B: Labor Force Current and historical labor force, employment, unemployment and unemployment rates

- Introduction
- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

Module C: Wage and Salary Employment Current and historical wage and salary employment data

- Introduction
- Annual Average Data
- Monthly Data
- Standard Industrial Classification Manual (SIC) - 1987

Module D: Projections – Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.

- Introduction
- Description of Industry and Occupational Tables
- Industry Trends and Outlook
- Employment by Major Industry
- Industry Employment Projections
- Employment by Major Occupational Group
- Occupations with the Greatest Absolute Job Growth
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Standard Industrial Classification Manual (SIC)
- North American Industry Classification System (NAICS)
- Methods and Economic Assumptions

Module E: Occupational Wages – Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology

- Introduction
- Alphabetical List of Occupations
- Occupational Wages for Selected Counties

Module F: Social and Economic Data – Tables from the U.S. Department of Commerce, the Bureau of the Census, and various State agencies.

- Introduction
- State Map of Median Household Income by County
- Public Assistance Recipients by Program
- Aid to Families with Dependent Children, Characteristics of Recipients, 16 Yrs. and Older
- Veterans by Active Duty
- Lower Living Income Levels and Poverty Guidelines
- Planning Information for Service Delivery Areas, Selected Characteristics by Age
- Explanation of Terms and Concepts
- Nondiscrimination Information

COUNTY INFORMATION

Sutter and Yuba Counties

The Yuba City Metropolitan Statistical Area (MSA) encompasses Sutter and Yuba counties, which lies in the heart of the Sacramento Valley. It is bordered on the west by the Sacramento River and Yolo and Colusa Counties, on the north by Butte County, on the east by Sierra and Nevada counties and on the south by Sacramento and Placer Counties. The area comprises 1,246 square miles, most of which is located in the flat, agriculturally rich central region of the valley. The Sutter Buttes are located in the area

as well as both the Feather and Yuba Rivers.

Much of the land area is devoted to agriculture, the third largest industry division relating to employment in the area. A wide variety of crops are produced including tomatoes, rice peaches, prunes, nuts, and other grains. Farming is highly mechanized for all crops. The major transportation routes include State Highways 99 and 70. Several railroad lines pass through the two counties.

Yuba City

Metropolitan Statistical Area

(SUTTER and YUBA COUNTIES)



SUTTER AND YUBA COUNTIES
(Yuba City Metropolitan Statistical Area)

Population of the Counties and Selected Cities
1980, 1990, 1997, and 1998

Political Subdivisions	1980 (a)	1990 (b)	1997 (c)	1998 (c)	Percent Change	
					1980 to 1990	1997 to 1998
Total	101,979	122,643	136,200	138,200	20.3%	1.5%
SUTTER COUNTY	52,246	64,415	75,400	76,800	23.3%	1.9%
Live Oak	3,103	4,320	5,400	5,475	39.2%	1.4%
Yuba City	18,736	27,437	34,400	35,050	46.4%	1.9%
Balance of County	30,407	32,658	35,600	36,300	7.4%	2.0%
YUBA COUNTY	49,733	58,228	60,800	61,400	17.1%	1.0%
Marysville	9,898	12,324	12,200	12,300	24.5%	0.8%
Wheatland	1,474	1,631	1,930	1,970	10.7%	2.1%
Balance of County	38,361	44,273	46,700	47,150	15.4%	1.0%

(a) Census of Population, April 1, 1980.

(b) Census of Population, April 1, 1990.

(c) California Department of Finance revised estimates for January 1, 1997 and estimates for January 1, 1998. Parts may not add to total due to independent rounding.

POPULATION ESTIMATES FOR CALIFORNIA AND COUNTIES

	January		Percent Change		January		Percent Change
	1997	1998			1997	1998	
California	32,670,000	33,252,000	1.8%	Nevada	87,700	88,800	1.3%
Alameda	1,381,700	1,408,100	1.9%	Orange	2,677,500	2,722,300	1.7%
Alpine	1,190	1,200	0.8%	Placer	212,400	217,900	2.6%
Amador	33,200	33,700	1.5%	Plumas	20,350	20,600	1.2%
Butte	197,500	201,600	2.1%	Riverside	1,400,400	1,441,200	2.9%
Calaveras	37,100	38,350	3.4%	Sacramento	1,139,500	1,159,800	1.8%
Colusa	18,400	18,550	0.8%	San Benito	45,050	46,600	3.4%
Contra Costa	887,100	900,700	1.5%	San Bernardino	1,605,000	1,621,900	1.1%
Del Norte	27,950	28,900	3.4%	San Diego	2,729,100	2,794,800	2.4%
El Dorado	144,000	147,600	2.5%	San Francisco	772,800	789,600	2.2%
Fresno	774,200	786,800	1.6%	San Joaquin	537,700	545,200	1.4%
Glenn	26,800	26,950	0.6%	San Luis Obispo	232,700	239,000	2.7%
Humboldt	125,600	127,700	1.7%	San Mateo	704,800	715,400	1.5%
Imperial	141,000	142,100	0.8%	Santa Barbara	397,200	405,500	2.1%
Inyo	18,300	18,500	1.1%	Santa Clara	1,654,800	1,689,900	2.1%
Kern	629,200	639,800	1.7%	Santa Cruz	245,400	250,200	2.0%
Kings	116,700	122,800	5.2%	Shasta	162,500	165,000	1.5%
Lake	55,000	55,100	0.2%	Sierra	3,360	3,360	0.0%
Lassen	34,350	34,150	-0.6%	Siskiyou	44,150	44,700	1.2%
Los Angeles	9,470,900	9,603,300	1.4%	Solano	375,500	383,600	2.2%
Madera	111,900	114,300	2.1%	Sonoma	428,600	437,100	2.0%
Marin	241,400	245,900	1.9%	Stanislaus	421,900	427,600	1.4%
Mariposa	15,950	16,150	1.3%	Sutter	75,400	76,800	1.9%
Mendocino	85,400	86,900	1.8%	Tehama	54,500	55,400	1.7%
Merced	200,200	204,400	2.1%	Trinity	13,300	13,250	-0.4%
Modoc	10,150	10,150	0.0%	Tulare	355,900	360,400	1.3%
Mono	10,500	10,600	1.0%	Tuolumne	51,900	52,800	1.7%
Monterey	368,900	386,200	4.7%	Ventura	721,000	730,800	1.4%
Napa	120,100	123,300	2.7%	Yolo	153,700	156,800	2.0%
				Yuba	60,800	61,400	1.0%

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.
Report 97 E-1. Sacramento, California, May 1998.

RESOURCE INFORMATION

AREA CONSULTANTS

Located strategically in cities and counties throughout California, the Area Services Group consists of 25 regional Labor Market Consultants. The Labor Market Consultants serve as the single point of contact for questions or analysis about local trends and conditions throughout California. Consultants provide technical assistance on the use of labor market information and are available to make presentations on a variety of labor market information subjects. They may also provide customized research services and products to fit specialized labor market information requests.

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Statewide	Information Desk	916-262-2162		
Alameda	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Alpine	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Amador	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
Butte (Chico)	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Calaveras	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Colusa	Brandy Daniel	530-895-4300	Anita Alexander	707-441-5892
Contra Costa	Jeanette Miller	925-602-1588	Paak-Yin Tam	415-920-2423
Del Norte	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
El Dorado	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Fresno	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Glenn	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Humboldt	Anita Alexander	707-441-5892	Kathy Porter	530-225-2562
Imperial	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
Inyo	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kern	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Kings	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Lake	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>

Area Consultants

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
Lassen	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Los Angeles	(Any L.A. Analyst)			
Central City	Bill Freed	213-744-2570	Rosanna Lo	213-744-2569
San Fernando Valley	Margaret Platt	818-898-4184	Linda Reed	626-350-6530
San Gabriel Valley	Linda Reed	626-350-6530	Margaret Platt	818-898-4184
South Bay	Rosanna Lo	213-744-2569	Bill Freed	213-744-2570
Madera	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Marin	Cathe Rutherford	707-863-9753	Paak-Yin Tam	415-920-2423
Mariposa	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Mendocino	Anita Alexander	707-441-5892	Brandy Daniel	530-895-4300
Merced	Carla Barnes	559-244-7716	Victor Coelho	559-244-7718
Modoc	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Mono	Sarah Parker	805-395-2543	Dee Johnson	805-568-1358
Monterey	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Napa	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Nevada	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Orange	Ann Marshall	714-687-4816	Cheryl Mason	619-689-6544
Placer	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Plumas	Brandy Daniel	530-895-4300	Kathy Porter	530-225-2562
Riverside	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816
Sacramento	David Lyons	916-227-2015	Quentin Turner	916-774-4384
San Benito	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
San Bernardino	Thomas Flournoy	909-885-8614	Ann Marshall	714-687-4816

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Area Consultants

County Name	Single Point of Contact	Public Telephone No.	Alternate Contact	Public Telephone No.
San Diego	Cheryl Mason	619-689-6544	Ann Marshall	714-687-4816
San Francisco	Paak-Yin Tam	415-920-2423	Ruth Kavanagh	650-737-2664
San Joaquin	Ismael Tapia	209-941-6551	Quentin Turner	916-774-4384
San Luis Obispo	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
San Mateo	Ruth Kavanagh	650-578-2664	Paak-Yin Tam	415-920-2423
Santa Barbara	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Santa Clara	Mary Navarro	408-774-2369	Ruth Kavanagh	650-737-2664
Santa Cruz	Eric Alexander	831-464-4367	Mary Navarro	408-774-2369
Shasta	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Sierra	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Siskiyou	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Solano	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Sonoma	Cathe Rutherford	707-863-9753	Eric Alexander	831-464-4367
Stanislaus	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Sutter	Quentin Turner	916-774-4384	David Lyons	916-227-2015
Tehama	Kathy Porter	530-225-2562	Brandy Daniel	530-895-4300
Trinity	Kathy Porter	530-225-2562	Anita Alexander	707-441-5892
Tulare	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Tuolumne	Victor Coelho	559-244-7718	Carla Barnes	559-244-7716
Ventura	Dee Johnson	805-568-1358	Sarah Parker	805-395-2543
Yolo	David Lyons	916-227-2015	Quentin Turner	916-774-4384
Yuba	Quentin Turner	916-774-4384	David Lyons	916-227-2015

These assignments change periodically. For updates call 916-262-2166 or check the Internet <http://www.calmis.ca.gov>

LABOR MARKET INFORMATION PRODUCT LIST

Item Description	Item Cost*	Sub- scription Cost (yearly)
California Career Notes Set - Careers with a Future The California Career Notes provide "at a glance" information about occupations suited for entry level job seekers - jobs with a large number of openings and which can provide career growth potential. These easily readable single sheet Career Notes target entry-level workers, including welfare-to-work clients. The set contains 50 occupation.	\$12.50	
California (OES) Dictionary of Occupations The dictionary contains a list of occupational codes and titles used in the Occupational Employment Statistics survey.	\$15.00	
California Labor Market Bulletin Information on employment and unemployment, recent industry trends for California, and current labor force data for all counties.	NA	\$15.00
California Labor Market Bulletin-Statistical Supplement A detailed breakout of employment by industry for the State and 17 largest areas. It also contains average weekly earnings, average hourly earnings and average weekly hours for production workers in manufacturing.	NA	\$30.00
California License Handbook 1997 A list of occupations licensed by the State of California along with license fees, licensing requirements, and the name and address of the licensing authority.	\$15.00	
California Occupational Guides Set Contains 350 individual occupations or groups of related occupations with statewide information about job duties, working conditions, employment outlook, wages, benefits, entrance requirements, and training.	\$45.00	
California Occupational Guide Profiles (IBM)	\$25.00	
California Occupational Guide Profiles (MAC) A diskette containing summaries of approximately 300 occupations.	\$25.00	
California Unemployment Insurance Reporting Units By Size, Industry and County (Report 524) Presents the characteristics of reporting units by their size of employment. The report includes this data at the statewide, county and MSA level.	\$13.00	
Emerging Occupations in California-A Sampler	\$9.00	
Emerging Occupations in California-Environmental Hazardous Waste Occupations	\$9.00	
Emerging Occupations in California-Robotics and Related Automated Systems	\$9.00	
In Search of Skill Standards for 2000 and Beyond A new report about current skill standards research resulting from the establishment of the Secretary's Commission of Achieving Necessary Skills in 1990, U.S. Department of Labor.	\$10.00	
Interim Employment Series Provides monthly industry employment estimates from January 1997 through the current month.	NA	\$20.00
Labor Market Conditions in California		\$30.00
Labor Market Conditions in California The Current Population Survey details, the wage and salary employment by industry series (both seasonally adjusted and unadjusted), Enhanced National Data System and Unemployment Insurance data.	\$6.00	
Monthly Labor Force Data for Counties (Report 400C) Statistics on civilian labor force, employment, and unemployment for MSA's and counties in California.	NA	\$12.00

Item Description	Item Cost*	Sub- scription Cost (yearly) per area
Monthly Labor Force Data for Sub-County Areas		\$15.00
This report contains labor force data for individual counties and selected cities and other sub-areas within the counties. There are five area reports for California: Central Coast (LAU-29), Los Angeles/Ventura (LAU-30), Northern (LAU-31), Southern (LAU-32) and Valley (LAU-33).		
Monthly Labor Force Data for Service Delivery Areas (Report 400S)	NA	\$12.00
Statistics on civilian labor force, employment, and unemployment for service delivery areas in California.		
Nondiscrimination Reports by MSA, PMSA, CMSA		
Fresno - Madera (MSA).....	\$8.00	
Los Angeles - Riverside - Orange (CMSA).....	\$8.00	
Riverside-San Bernardino (PMSA).....	\$8.00	
Sacramento - El Dorado - Placer (PMSA).....	\$8.00	
San Francisco - Oakland - San Jose (CMSA).....	\$8.00	
Marin - San Francisco - San Mateo (PMSA).....	\$8.00	
Napa - Solano (PMSA).....	\$8.00	
Sutter - Yuba (MSA).....	\$8.00	
Alameda - Contra Costa (PMSA).....	\$8.00	
Projections and Planning Information Report (PPI)-California	\$35.00	
Provides civilian labor force data, wage and salary employment, industry/occupational projections, social/economic data and other resources.		
Labor Force.....	\$12.00	
Wage and Salary Employment.....	\$13.00	
Industry and Occupational Projections.....	\$15.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$10.00	
Other LMI.....	Incl w/E	
Projections and Planning Information (PPI) Report-By County (see attachment 2 for individual item numbers)	\$35.00	
Labor Force.....	\$8.00	
Wage and Salary Employment.....	\$8.00	
Industry and Occupational Projections.....	\$15.00	
Wages.....	\$9.00	
Social/Economic Data and Nondiscrimination Information - 1990 Census.....	\$10.00	
Small Business in California: A Resource Guide for Starting and Improving Your Small Business	\$10.00	
This resource guide is for small business owners and those who dream of someday owning a small business. It is also geared as a reference tool for persons who assist others in small business development.		
Small Firm Employment Growth Report 1991-1995	\$20.00	
The report was developed to answer the question, "What fraction of employment growth is generated by small firms - those with fewer than 10 employees. It analyzes this question by examining employment growth for both small and large firms from 1991 to 1995.		
California Cooperative Occupational Information System (CCOIS) Products		
California Occupational Guide Wage Supplement 1998	\$21.00	
County wage data covering years 1995-1997.		
Enhanced State Training Inventory (CD ROM)	\$40.00	
(IBM and MAC versions available upon request, call (916) 262-2162 for price)		
Provides information to assist state and local employment and training personnel and local employers to identify available training resources. The electronic database contains information on local schools and colleges, including name, address, phone numbers, fax numbers, and the educational and training programs offered.		
CCOIS Occupational Outlook Reports (see attachment 1 for individual item numbers)	\$20.00	
CCOIS Occupational Outlook Reports on diskette (IBM, MAC - see attachment 1 for individual item numbers)	\$15.00	

Local occupational information such as wages, experience, training, labor supply and demand. And expected growth in selected occupations.

Call (916) 262-2162 for county availability prior to ordering.

Item Description	Item Cost*	Subscription Cost (yearly)
Occupational Summaries For California 1995-1997.....	\$50.00	
Statewide occupational data compiled from over 33,000 California employers, representing approximately 615,000 jobs statewide. Includes job titles, descriptions, wages, benefits, education, training experience, labor supply and demand, etc.		
Occupational Summaries for EDD's Labor Market Information Division - 5 Regions.....	\$150.00	
Local occupational data compiled for local regions and includes job titles, descriptions, wages, benefits, education, training, experience, supply/demand, etc.		
Northern Region - 1995-1997.....	\$35.00	
Alpine, Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Counties		
Central Coast Region - 1995-1997.....	\$35.00	
Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties		
Central Valley Region - 1995-1997.....	\$35.00	
Calaveras, Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Mono, San Luis Obispo, Santa Barbara, Stanislaus, Tulare, Tuolumne and Ventura Counties		
Los Angeles Region - 1995-1997.....	\$35.00	
Los Angeles County		
Southern Region - 1995-1997.....	\$35.00	
Imperial, Orange, Riverside, San Bernardino and San Diego Counties		
Occupational Summaries for School-to-Career - 12 Regions.....	\$350.00	
Local occupational information compiled by School-to-Career Regions. Includes summaries from occupations found in the local area, e.g., job titles, descriptions, wages, benefits, education, training, experience, labor supply and demand, etc.		
Region 1 - 1995-1997.....	\$35.00	
Del Norte, Humboldt, Lake, Mendocino and Sonoma Counties		
Region 2 - 1995-1997.....	\$35.00	
Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties		
Region 3 - 1995-1997.....	\$35.00	
Alpine, Colusa, El Dorado, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo and Yuba Counties		
Region 4 - 1995-1997.....	\$35.00	
Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Solano Counties		
Region 5 - 1995-1997.....	\$35.00	
Monterey, San Benito, Santa Clara and Santa Cruz Counties		
Region 6 - 1995-1997.....	\$35.00	
Amador, Calaveras, San Joaquin, Stanislaus and Tuolumne Counties		
Region 7 - 1995-1997.....	\$35.00	
Fresno, Kings, Madera, Mariposa, Merced and Tulare Counties		
Region 8A - 1995-1997.....	\$35.00	
Los Angeles County		
Region 8B - 1995-1997.....	\$35.00	
Kern, San Luis Obispo, Santa Barbara and Ventura Counties		
Region 9A - 1995-1997.....	\$35.00	
Imperial and San Diego Counties		
Region 9B - 1995-1997.....	\$35.00	
Orange County		
Region 10 - 1995-1997.....	\$35.00	
Inyo, Mono, Riverside and San Bernardino Counties		

■ - Information accessible on the Internet web site <http://www.calmis.ca.gov>

NA - Not Available—monthly subscription only (free sample upon request)

NC - No Charge

* - Prices include sales tax and shipping/handling

DICTIONARY OF OCCUPATIONAL TITLES (DOT)

The DOT is a comprehensive and standardized occupational coding system. The fourth edition, revised in 1991, is 1,400 pages in length compiled into two volumes. The occupational definitions are arranged by nine-digit DOT codes in an Occupational Group Arrangement section. The definitions include the major task elements of the job, task variables, alternate job titles, industry designation, and related occupations.

The DOT was originally developed for use by the U. S. Employment Service in matching qualified job applicants with suitable jobs. Since then, its use has expanded to various users for employment counseling, occupational and career guidance, and labor market information services.

Suggestions for Users

The DOT contains three complete indices of the coded titles. Locating a particular occupation can be relatively simple if the user knows the occupational title, the DOT code, or the industry in which the job occurs. The DOT is a complex volume with many uses. To become familiar with its contents, the user should consult the Introduction and the Appendix which go into great detail on "how to" use the DOT.

Job definitions in the DOT are composed of many jobs and cannot be expected to agree exactly in content with an individual position in a specific firm. In addition, employers sometimes combine jobs based on plant size or employee skills; thus, a worker's job may be covered by two or more DOT definitions.

The DOT may be purchased from the Superintendent of Documents, the Bureau of Labor Statistics, or the U. S. Government Bookstore in Los Angeles or San Francisco.

Conversion to O*NET

Changes in occupational content and job characteristics due to technological advancements continue to occur at a rapid pace. This rapid change to occupations coupled with user demand for the most current information possible has resulted in the need for a system that more closely reflects the changing world of work. O*NET, the Occupational Information Network, captures those changes in terms that accurately reflect today's workplace and workforce. O*NET 98 is available to the public at this time and the Department of Labor (DOL) anticipates that the next version of O*NET will replace the DOT.

O*NET THE OCCUPATIONAL INFORMATION NETWORK

In December, 1998, the Employment and Training Administration (ETA), US Department of Labor (DOL), released the first public version of O*NET, known as O*NET 98. This is a transitional product, to prepare for O*NET in the 21st century. The ETA expects the next version of O*NET will formally replace the DOT.

The DOT first defined the workplace over sixty years ago, and significant changes have taken place since that tool was developed. O*NET captures those changes and uses terms that accurately reflect today's workplace and workforce. A relational database houses the comprehensive information in O*NET – information about job requirements and worker competencies. O*NET supplies users with current information vital to the training, education, counseling and employment of workers.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Therefore, O*NET features are many, including:

- *Data describing over 1,100 occupations that connect to the Occupational Employment Survey.*
- *The capability to locate occupations through skill requirements or key words.*
- *Electronic links that match O*NET occupational titles to eight other classification systems.*
- *Labor market information from BLS (Bureau of Labor Statistics) on employment levels, occupational outlook and wages.*

- *"Occupational Profiles" giving a short overview of the most important data descriptions for each occupation.*

The information currently available through O*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to future data.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O*NET data collection and database will be maintained by the newly established National O*NET Consortium.

For further information contact O*NET:

O*NET Project
DOL Office of Policy and Research/ETA/O*NET
200 Constitution Ave., NW, MS N5637
Washington, DC 20210

Phone (202) 219-7161
FAX (202) 219-9186
E-mail O*NET@doleta.gov
Web site <http://www.doleta.gov/programs/onet/>

STANDARD OCCUPATIONAL CLASSIFICATION (SOC)

The *Standard Occupational Classification* (SOC) system will be used by U.S. government agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

- The SOC will consist of 810 unique occupations, each with its own SOC code number, title, and definition.
- The 810 occupations are combined with other occupations requiring similar skills or background
- The classification system presented here is in the final stages of a revision process.
- Government agencies that collect or publish data by occupation will begin using the SOC system over the next few years.

General Characteristics of the Revised SOC

In the proposed revision of the SOC, there are four levels of aggregation:

- 1) *major group*;
- 2) *minor group*;
- 3) *broad occupation*;
- 4) *detailed occupation*.

All occupations are clustered into 23 *major groups*, such as Management or Healthcare Practitioner and Technical occupations. These Major groups are broken down into occupationally-specific *minor groups*, such as Operations Specialties Managers in the Management Occupations

major group or Health Diagnosing and Treating Practitioners in the Healthcare Practitioner and Technical Occupations major group. Minor groups, in turn, are divided into *broad occupations*, such as Human Resources Managers or Therapists, which are further divided into *detailed occupations*, such as Compensation and Benefits Managers, or Physical Therapists.

All Federal agencies that collect occupational data will use the new system; similarly, all State and local government agencies are strongly encouraged to use this national system to promote a common language for categorizing occupations in the world of work. The new SOC system will replace the *Occupational Employment Statistics* (OES) occupational classification system currently used by the Bureau of Labor Statistics (BLS) for gathering occupational information. It will also replace the Bureau of the Census' 1990 occupational classification system and will be used for the 2000 Census. In addition, the new SOC will serve as the framework for information being gathered through the Department of Labor's *Occupational Information Network* (O*NET), which is in the process of replacing the *Dictionary of Occupational Titles* (DOT).

Additional information and updated revision plans are available at the BLS Internet site:

<http://stats.bls.gov/soc>

Labor Market Information Division, Employment Development Department, California, will begin using the SOC in the 1999/2000 OES survey.

JOB SERVICES FOR EMPLOYERS AND JOB SEEKERS

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

California's **Job Service** is one of the world's largest public employment service operations. With over 130 service points throughout the state, this Employment Development Department (EDD) program serves the state's 850,000 and about one million job seekers who register for services each year.

The EDD's Job Service offers a variety of services that bring employers with job openings together with qualified job seekers.

CalJOBS is an Internet-based job opening and resume listing system that increases the public's access to employment services. Special features of **CalJOBS** include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:
<http://www.caljobs.ca.gov>

Employer Advisory Councils work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

Agricultural Services. California's multi-billion-dollar agriculture industry and farmworkers have access to the automated job listing service. This is a vital link between growers and permanent/seasonal workers.

Services to Job Seekers

- Job search workshops
- Referral to training or educational facilities and social service agencies
- Special assistance to unemployment insurance clients, veterans, persons with disabilities, youth, welfare recipients, and migrant and seasonal farmworkers.

Services to Employers

- Re-employment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.

If you are interested in any of the above services, or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	510-374-7500
Los Angeles	213-993-4600
Orange	714-978-7421
Riverside	909-782-3211
Sacramento	916-574-2100
San Diego	619-336-5549

California's Labor Market and Occupational Information is only a click away...

Use your computer to view and/or download important economic data directly from us -- **24 hours a day, seven days a week!**

Via the Internet: <http://www.calmis.ca.gov>

Data Available On-line:

Agriculture: Statewide and county employment and earnings data for selected crops and industries.

Demographics: Statewide and county census data, population tables, income statistics, and data for non-discrimination programs.

Industry: Current and historical employment data, projections of employment, hours and earnings, and size of firm data.

Labor Force: Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

Resources: Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

Occupations: Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

Publications and Information: Publications Desk (916) 262-2162

Internet Assistance: (916) 262-2213 or (916) 262-2340

Related Websites

Local Government

CA local government agencies

http://www.ceres.ca.gov/geo_area/counties

Sacramento Area Commerce and Trade Organization

<http://www.sactoedc.org>

State Government

California's Home Page – Links to all state government agencies

<http://www.ca.gov>

EDD Home Page

<http://www.edd.ca.gov>

California Occupational Information Coordinating Committee (COICC)

COICC is an interagency committee created to promote the development and use of occupational and career information.

<http://www.soicc.ca.gov>

California Dept. of Finance (DOF)

DOF provides demographic information, population estimates, and cost of living information.

<http://www.dof.ca.gov>

California One-Stop Career Centers

<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California's Job Bank

<http://www.caljobs.ca.gov>

Dept. Of Industrial Relations (DIR)

Worker's Comp., labor law, and statistics.

<http://www.dir.ca.gov>

Federal Government

Federal Department of Labor, Bureau of Labor Statistics

<http://stats.bls.gov>

Bureau of the Census

[http:// www.census.gov](http://www.census.gov)

Library of Congress

<http://lcweb.loc.gov>

America's Job Bank

<http://www.ajb.dni.us>

Table of Contents

Module A: INTRODUCTION

Note to Readers	A-v
Area Profile	A-1
Population of the County and Selected Cities	A-2
Area Map	A-3
Population Estimates for California and Counties	A-5
The Occupational Information Network (O*NET)	A-6
Standard Occupational Classification (SOC)	A-7
EDD and Related Services	A-8

Note to Readers

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 1 million employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information publication (PPI) for 57 counties and the State. Each module within the PPI is designed to present data in a clear and usable form. The variety and number of reports within each module are intended to answer the most frequently asked questions. These modules are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

Customers may choose some or all of the following modules:

Module A: Introduction *Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.*

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- O*NET The Occupational Network
- Standard Occupational Classification (SOC)
- EDD and Related Websites

Module B: Labor Force *Current and historical labor force, employment, unemployment and unemployment rates.*

- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

Module C: Wage and Salary Employment *Current and historical wage and salary employment data.*

- Annual Average Data
- Monthly Data

Module D: Projections *Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.*

- Description of Industry and Occupational Tables
- Training Level Definitions
- Industry Trends and Outlook
- Employment by Major Industry
- Industry Employment Projections
- Employment by Major Occupational Group
- Occupations with the Greatest Absolute Job Growth (Growth plus Separations)
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Description of Standard Industrial Classification (SIC) and North American Industry Classification (NAICS)
- Methods and Economic Assumptions

Module E: Occupational Wages *Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology.*

- Occupational Wages for Selected Counties

Module F: Social and Economic Data *Tables from the U.S. Department of Commerce, the Census Bureau, and various State agencies.*

- Public Assistance Recipients by Program
- Public Assistance Recipients by Program (CalWORKs), Characteristics of Recipients
- Occupations with the Greatest Absolute Job Growth
- Lower Living Standard Income Levels and Poverty Guidelines
- Planning Information for Local Workforce Investment Areas
- Profile of General Demographic Characteristics
- Explanation of Terms and Concepts
- Nondiscrimination Information

Sutter and Yuba Counties

The Yuba City Metropolitan Statistical Area (MSA) encompasses Sutter and Yuba counties. The area comprises 1,246 square miles, most of which is located in the flat, agriculturally-rich central region of the Sacramento Valley. The Sutter Buttes, also known as the "Smallest Mountain Range in the World", are located in the area as well as both the Feather and Yuba Rivers.

The major transportation routes include State Highways 99 and 70. In addition, several railroad lines pass through the two counties.

Sutter County

Sutter County is one of the major agricultural counties located in north central California. Surrounding counties include Butte County to the north, Colusa and Yolo counties to the west, Sacramento County to the south, and Placer and Yuba counties to the east. Positioned between two large rivers, the Sacramento and the Feather, Sutter County occupies an area of 607 square miles.

The 2000 Census data records Sutter County's population at 78,900, an increase over 1990 data of 22 percent, or 14,500 residents. Over 47 percent of all county residents reside in Yuba City, the county seat and largest city. With a current population of 36,700, Yuba City increased by 9,300 new residents, or 34 percent, over 1990 figures. Yuba City serves as the center of shopping and business for Sutter and Yuba counties as well as parts of Butte and Colusa counties.

Sutter County's only other incorporated city, Live Oak (population 6,200), experienced over 44 percent growth (2,000 residents) since 1990. Sutter County's total population is projected to reach 115,600 residents by the year 2020, an increase of 46 percent over current figures.

Yuba County

Yuba County's 639 square miles reach from the Sacramento River east into the foothills of the Sierra Nevada Mountains, and lie midway between the cities of Chico to the north and Sacramento to the south. Yuba County is located in the northern area of the Sacramento Valley. Surrounding counties include Butte to the north, Sierra and Nevada to the east, Placer County to the south, and Sutter County to the south and west.

The 2000 Census data records Yuba County's population at 60,200, an increase over 1990 census data of 2,000 residents or a little over 3 percent. The largest city within the county, Marysville, is also the county seat and one of California's historic cities; its history as a community dates back to the early Gold Rush era. Commercial, agricultural, recreational, educational and industrial activities for the Yuba-Sutter area center around Marysville and at present, 20 percent of all county residents reside there. The population in Yuba County is projected to reach 81,900 by the year 2020, an increase of 36 percent.

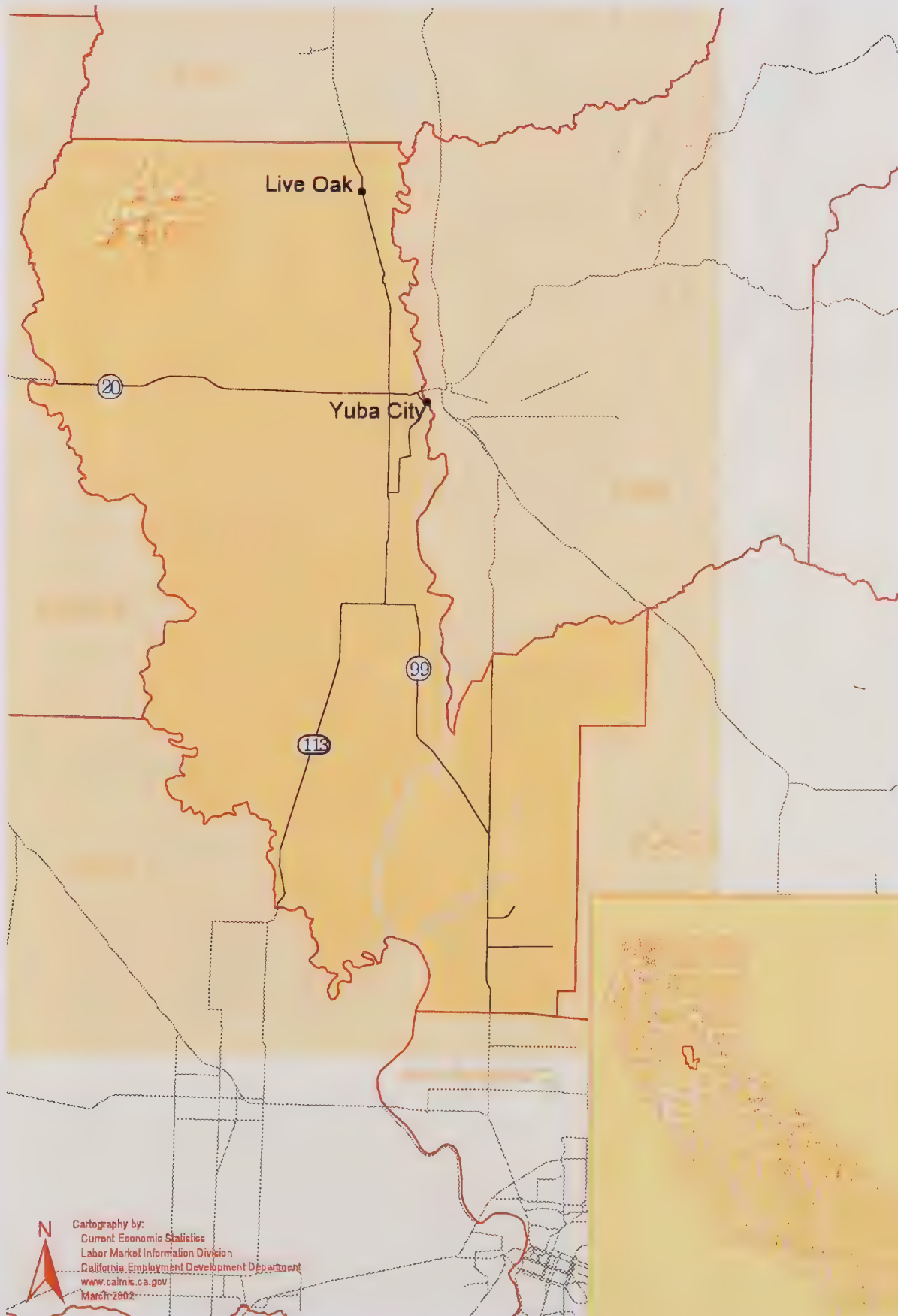
Sutter and Yuba Counties (Yuba City Metropolitan Statistical Area)

Population of the Counties and Selected Cities
1980, 1990, 2000, and 2001

Political Subdivisions	1980 (a)	1990 (b)	2000 (c)	2001 (d)	Percent Change	
					1990 to 2000	2000 to 2001
Total	101,979	122,643	139,149	141,700	13.5%	1.8%
SUTTER COUNTY	52,246	64,415	78,930	80,900	22.5%	2.5%
Live Oak	3,103	4,320	6,229	6,475	44.2%	3.9%
Yuba City	18,736	27,437	36,758	44,300	34.0%	20.5%
Balance of County	30,407	32,658	35,943	30,150	10.1%	-16.1%
YUBA COUNTY	49,733	58,228	60,219	60,800	3.4%	1.0%
Marysville	9,898	12,324	12,268	12,200	-0.5%	-0.6%
Wheatland	1,474	1,631	2,275	2,280	39.5%	0.2%
Balance of County	38,361	44,273	45,676	46,300	3.2%	1.4%

- (a) Census of Population, April 1, 1980.
(b) Census of Population, April 1, 1990.
(c) Census of Population, April 1, 2000.
(d) California Department of Finance revised estimates for January 1, 2001.
Parts may not add to total due to independent rounding.

Sutter County



Yuba County



Population Estimates for California and Counties

	January		Percent Change		January		Percent Change
	2000	2001			2000	2001	
California	34,207,000	34,818,000	1.8%	Orange	2,867,700	2,925,700	2.0%
Alameda	1,455,300	1,479,100	1.6%	Placer	248,700	257,500	3.5%
Alpine	1,200	1,220	1.7%	Plumas	21,000	21,100	0.5%
Amador	35,250	35,400	0.4%	Riverside	1,557,800	1,609,400	3.3%
Butte	204,600	205,800	0.6%	Sacramento	1,230,700	1,258,600	2.3%
Calaveras	40,950	41,100	0.4%	San Benito	53,800	55,200	2.6%
Colusa	19,050	19,200	0.8%	San Bernardino	1,726,800	1,764,300	2.2%
Contra Costa	955,900	972,100	1.7%	San Diego	2,835,400	2,883,600	1.7%
Del Norte	28,050	28,100	0.2%	San Francisco	781,900	793,700	1.5%
El Dorado	157,200	159,700	1.6%	San Joaquin	568,300	583,700	2.7%
Fresno	810,300	823,900	1.7%	San Luis Obispo	248,200	252,100	1.6%
Glenn	26,800	26,800	0.0%	San Mateo	713,900	720,100	0.9%
Humboldt	127,400	127,800	0.3%	Santa Barbara	403,500	408,900	1.3%
Imperial	146,600	150,900	2.9%	Santa Clara	1,698,800	1,723,700	1.5%
Inyo	18,250	18,150	-0.5%	Santa Cruz	258,000	259,800	0.7%
Kern	671,300	685,800	2.2%	Shasta	164,300	165,700	0.9%
Kings	132,100	136,100	3.0%	Sierra	3,580	3,560	-0.6%
Lake	58,700	59,300	1.0%	Siskiyou	44,750	44,300	-1.0%
Lassen	34,850	35,900	3.0%	Solano	396,900	403,400	1.6%
Los Angeles	9,643,100	9,802,800	1.7%	Sonoma	461,700	468,800	1.5%
Madera	125,800	129,400	2.9%	Stanislaus	451,000	459,900	2.0%
Marin	248,700	250,400	0.7%	Sutter	79,700	80,900	1.5%
Mariposa	17,200	17,200	0.0%	Tehama	56,400	56,800	0.7%
Mendocino	87,100	87,300	0.2%	Trinity	13,150	13,050	-0.8%
Merced	212,800	216,700	1.8%	Tulare	373,100	377,500	1.2%
Modoc	9,550	9,600	0.5%	Tuolumne	54,800	55,200	0.7%
Mono	12,950	13,350	3.1%	Ventura	759,400	773,500	1.9%
Monterey	405,200	410,800	1.4%	Yolo	169,300	173,500	2.5%
Napa	125,100	126,200	0.9%	Yuba	60,900	60,800	-0.2%
Nevada	92,300	94,000	1.8%				

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.
Report E-1. Sacramento, California, May 2001.

O*NET

The Occupational Information Network

The *Occupational Information Network* (O*NET) is the U.S. Department of Labor's recent replacement to the long-standing Dictionary of Occupational Titles (DOT). First released in 1998 and made available as an Internet application in 2001, O*NET was created for the general public to provide broad access to occupational information.

The O*NET system includes information on skills, abilities, knowledge, work activities, and interests associated with occupations. This information can be used to facilitate career exploration, vocational counseling, and a variety of human resources functions, such as developing job orders and position descriptions and aligning training with current workplace needs.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Information in O*NET is available for over 950 occupations. Each occupational title and code is based on the most current version of the Standard Occupational Classification system.

O*NET OnLine offers users the chance to:

- Find occupations to explore, either by skill requirements or using key words
- Search for occupations that use their skills
- Look at related occupations with similar skills requirements
- View and print snapshot reports listing top tasks and skills requirements for an occupation
- View occupation details

- Use crosswalks to find occupations using titles from other classification systems
- Connect to other on-line career information resources to see current wage and outlook information
- Access comprehensive information on-line

The information currently available through O*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to data and ratings beginning in the year 2003.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O*NET data collection and database will be maintained by the newly established National O*NET Consortium.

For further information contact O*NET:

O*NET Project
DOL Office of Policy and Research
200 Constitution Ave., NW, MS N5637
Washington, DC 20210
(202) 693-3660

<http://www.doleta.gov/programs/onet/>

Standard Occupational Classification (SOC)

The Standard Occupational Classification (SOC) 1998 System was developed in response to a growing need for a universal occupational classification system—a system which would allow government agencies and private industry to produce comparable data. The SOC system was designed to cover all occupations in which work is performed for pay or profit and will be used by all federal agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

General Characteristics of the Revised SOC

This system classifies workers at four levels of aggregation:

- major group
- minor group
- broad occupation
- detailed occupation

All workers are classified into one of over 820 occupations, according to their occupational definition. To facilitate classification, all occupations are clustered into one of 23 major groups. Within these major groups, there are 96 minor groups, and 449 broad occupations. Each broad occupation includes detailed occupation(s) requiring similar job duties, skills, education, or experience.

The following example shows the hierarchical structure of the 1998 SOC:

19-0000 Life, physical, and social science occupations (*major group*)

19-000 Life scientists (*minor group*)

19-1020 Biological scientists (*broad occupation*)

19-1021 Biochemists and biophysicists (*detailed occupation*)

19-1022 Microbiologists (*detailed occupation*)

19-1023 Zoologists and wildlife biologists (*detailed occupation*)

19-1029 Biological scientists, all other (*detailed occupation*)

Data collected by the 2000 Census of Population will be coded to the 1998 SOC; the Department of Labor's Occupational Information Network (O*NET), adheres to the 1998 SOC. In fact, all federal government agencies that collect occupational data are expected to adopt the 1998 SOC over the next few years.

Additional information, updated revision plans, and information on the implementation of the 1998 SOC are available at the Bureau of Labor Statistics (BLS) Internet site:

<http://stats.bls.gov/soc>

Job Services for Employers and Job Seekers

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

The **EDD Job Service** is the public employment service for the State of California. From locations in over 200 communities, the EDD Job Service program serves the State's 900,000 employers and the one million or more job seekers who use the services each year.

The EDD Job Service is authorized by the federal Wagner-Peyser Act, as amended by the Workforce Investment Act of 1998. The EDD plans and delivers the services in California in partnership with other employment and training organizations in the One-Stop Career Centers created by the Workforce Investment Act of 1998. The EDD's Job Service offers a variety of services that bring employers with job openings and qualified job seekers together.

CalJOBS – California's Internet system for linking employer job listings and job seeker resumes. CalJOBS is available at EDD Job Service locations, One-Stop Career Centers, and anywhere there is Internet access.

Special features of CalJOBS include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:

<http://www.caljobs.ca.gov>

Employer Advisory Councils work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

Additional Services to Job Seekers

- Job search workshops
- Referral to partner agencies that provide other employment related services, including training.

Additional Services to Employers

- Reemployment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.
- Locally coordinated workforce preparation services.

If you are interested in any of the above services, or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	415-749-7503
Los Angeles	213-833-7900
Orange	714-518-2315
Riverside	909-955-2200
Sacramento	916-227-0301
San Diego	619-266-4200

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Labor Force Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

Resources Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

Occupations Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

Visit our interactive on-line sites:

Labor Market Information for Economic Development (LMI4ED) Provides industry trends and occupational information in an interactive application. Users can search for data by county and industry or occupation, select individual items for display, and produce customized tables. LMI4ED is available at:

<http://www.lmi4ed.ca.gov>

California Career & Training Information System (CaCTIS) Provides job seekers and career development professionals easy access to occupational wages and outlook, training information and job openings. CaCTIS is available at:

<http://www.cactis.ca.gov>

Publications and Information: Publications Desk (916) 262-2162

Internet Assistance: (916) 262-2213 or (916) 262-2340

Related Websites

Local Government

CA local government agencies

http://www.ceres.ca.gov/geo_area/counties

Sacramento Area Commerce and Trade Organization

<http://www.sactoedc.org>

State Government

California's Home Page — Links to all state government agencies

<http://www.ca.gov>

EDD Home Page

<http://www.edd.ca.gov>

California Career Resource Network (CalCRN) — CalCRN is an interagency committee created to promote the development and use of occupational and career information.

<http://www.soicc.ca.gov>

California Department of Finance (DOF) — DOF provides demographic information, population estimates, and cost of living information.

<http://www.dof.ca.gov>

California One-Stop Career Centers

<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California School To Career (STC) — School-to-Career is a method of teaching that prepares students for college and the job market by integrating academic studies with real world applications and work based learning experiences.

<http://www.stc.ca.gov>

California's Job Bank

<http://www.caljobs.ca.gov>

Department Of Industrial Relations (DIR) — Worker's Compensation, labor law, and statistics.

<http://www.dir.ca.gov>

Federal Government

Federal Department of Labor, Bureau of Labor Statistics

<http://stats.bls.gov>

Bureau of the Census

<http://www.census.gov>

Library of Congress

<http://lcweb.loc.gov>

America's Job Bank

<http://www.ajb.dni.us>

Table of Contents

Module B: Labor Force

Introduction B-v

Map B-vi

Unemployment Rates
United States, California and Counties B-1

Sutter County
 1990–2002 Annual Average Labor Force Data B-2
 1990–2002 Monthly Civilian Labor Force Data B-3

Yuba County
 1990–2002 Annual Average Labor Force Data B-8
 1990–2002 Monthly Civilian Labor Force Data B-9

Labor Force

Labor force statistics are derived from the monthly Current Population Survey (CPS) conducted by the Bureau of Census for the Bureau of Labor Statistics (BLS). This monthly survey collects demographic data including employment and unemployment status for all states. The CPS sample consists of over 60,000 households nationwide with over 4,600 households in California. These data represent counts of individuals by place of residence rather than a count of jobs.

County-level labor force data, with the exception of Los Angeles county, are derived using a variety of information including CPS information, Wage and Salary Employment, and unemployment claims data for local areas.

Civilian Labor Force includes all non-institutional civilians, 16 years of age and older, who are working or looking for work: the sum of employed and unemployed.

Civilian Employment includes all individuals who are working, either for a wage or salary, self-employed, working at least one hour for pay or profit each week, or working at least 15 unpaid hours in a family business. Those who are on vacation, other kinds of leave, or involved in a labor dispute, are also counted as employed (whether or not they were paid for the time off).

Civilian Unemployment includes those individuals who are not working but are able, available and looking for work.

Unemployment Rate is the number of unemployed individuals expressed as a percentage of the civilian labor force.

Suggestions for Users

Regular users of labor force data include grant writers, economic development professionals, government agencies and local social service agencies. This section also provides suggestions for the first time user, the job hunter and the occasional user.

- County labor force data are not seasonally adjusted. It is important to request "not seasonally

adjusted" labor force data for the state and the nation to make a valid comparison.

- The employment and unemployment figures tend to vary from month to month for many reasons. As a result, the annual average figures, over time, tend to be a better estimate of the labor force trends within the area.
- The unemployment rate may not reflect the economic conditions in all areas of the county. The labor market can vary greatly in different industries, in different occupations, and in different parts of the county.
- Month-to-month labor force data are a useful indicator of seasonal changes in an area, such as outdoor activities (i.e. construction), holiday hiring, school schedules and agricultural patterns.
- California labor force data for years prior to 1990 are not directly comparable with data for 1990 and later years due to the introduction of the 1990 Census population controls.

Additional Sources of Information:

- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Newspapers

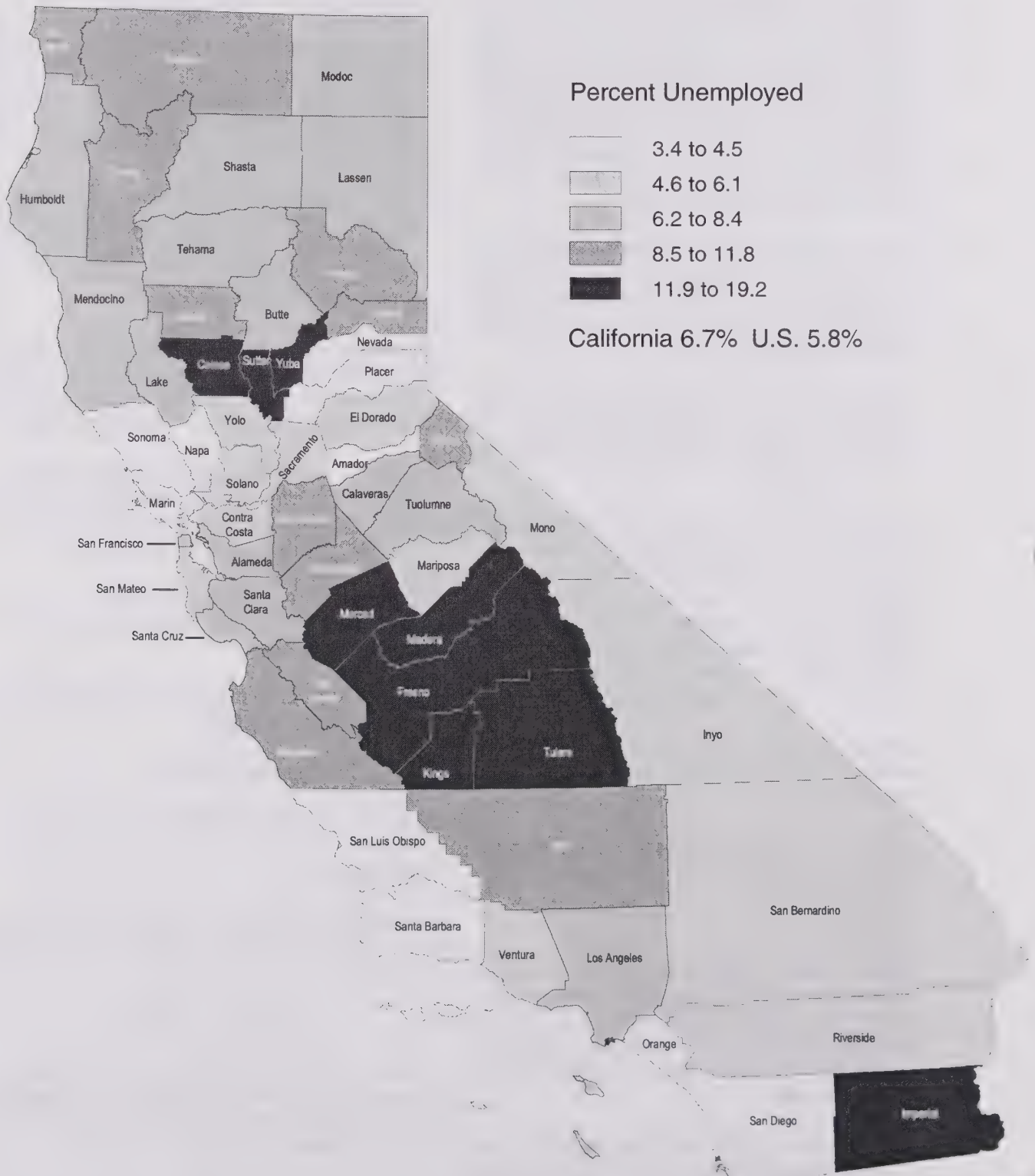
Electronic access to data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

Please call (916) 262-2162 for additional information or technical assistance, to obtain current monthly data, or contact information for local labor market consultants.

County Unemployment Rates

2002 Annual Averages



United States, California and Counties
Unemployment Rates
2001, 2002 Annual Averages*

	2001	2002		2001	2002
U.S.	4.7	5.8			
CALIFORNIA	5.4	6.7			
Alameda	4.6	6.8	Orange	3.0	4.1
Alpine	9.6	9.8	Placer	3.5	4.5
Amador	3.9	4.4	Plumas	8.5	9.0
Butte	7.1	7.7	Riverside	5.2	6.1
Calaveras	6.0	7.0	Sacramento	4.2	5.4
Colusa	15.6	16.4	San Benito	8.4	10.0
Contra Costa	3.3	5.2	San Bernardino	4.8	5.7
Del Norte	8.8	9.3	San Diego	3.2	4.3
El Dorado	4.0	5.0	San Francisco	5.2	7.3
Fresno	13.8	14.4	San Joaquin	8.8	10.1
Glenn	9.6	10.2	San Luis Obispo	2.8	3.4
Humboldt	6.0	6.5	San Mateo	2.9	5.0
Imperial	21.8	19.2	Santa Barbara	3.5	4.2
Inyo	4.9	5.9	Santa Clara	4.6	8.4
Kern	10.7	11.8	Santa Cruz	6.2	8.0
Kings	13.7	14.6	Shasta	6.8	7.4
Lake	7.3	8.4	Sierra	9.7	11.4
Lassen	6.7	6.7	Siskiyou	9.4	9.8
Los Angeles	5.7	6.8	Solano	4.1	5.5
Madera	12.2	12.7	Sonoma	3.0	4.5
Marin	2.5	3.9	Stanislaus	10.3	11.4
Mariposa	5.6	5.8	Sutter	12.4	13.6
Mendocino	6.7	7.2	Tehama	6.4	6.8
Merced	14.1	14.4	Trinity	9.9	9.7
Modoc	6.1	6.7	Tulare	15.5	15.5
Mono	5.3	5.6	Tuolumne	5.6	6.4
Monterey	9.4	10.5	Ventura	4.6	5.4
Napa	3.2	4.3	Yolo	4.3	5.0
Nevada	3.6	4.5	Yuba	12.1	13.3

*March 2002 Benchmark figures.

Sutter County
Civilian Labor Force, Employment and Unemployment
 (2002 Benchmark)
 Annual Averages 1990–2002

	Labor Force	Employment	Unemployment	Rate
2002	37,600	32,500	5,100	13.6%
2001	37,200	32,600	4,600	12.4%
2000	36,700	31,900	4,800	13.1%
1999	35,900	31,200	4,700	13.1%
1998	35,600	30,100	5,500	15.4%
1997	35,500	30,200	5,300	14.9%
1996	34,300	28,900	5,400	15.7%
1995	34,600	28,600	6,000	17.3%
1994	34,400	28,700	5,700	16.6%
1993	34,800	28,300	6,500	18.7%
1992	34,200	27,500	6,700	19.6%
1991	34,500	28,700	5,800	16.8%
1990	33,300	28,600	4,700	14.2%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Sutter County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

	Labor Force	Employment	Unemployment	Rate
2002 January	36,600	30,900	5,700	15.4%
February	37,200	31,100	6,100	16.5%
March	37,300	31,100	6,100	16.5%
April	37,400	31,600	5,800	15.5%
May	37,700	32,500	5,200	13.8%
June	37,800	32,600	5,200	13.8%
July	38,200	33,400	4,800	12.5%
August	37,700	34,300	3,400	9.1%
September	37,100	33,600	3,500	9.4%
October	37,500	33,500	4,000	10.7%
November	38,400	32,700	5,700	15.0%
December	38,000	32,500	5,600	14.6%
Annual Average	37,600	32,500	5,100	13.6%
2001 January	36,500	31,100	5,400	14.8%
February	37,000	31,000	6,000	16.2%
March	37,100	31,200	5,900	15.9%
April	36,500	31,300	5,100	14.1%
May	36,900	32,200	4,700	12.8%
June	37,500	32,700	4,800	12.9%
July	38,300	34,400	3,900	10.2%
August	38,600	35,900	2,700	7.0%
September	37,600	34,500	3,100	8.2%
October	36,900	33,500	3,400	9.1%
November	37,200	32,000	5,300	14.2%
December	36,700	31,500	5,200	14.2%
Annual Average	37,200	32,600	4,600	12.4%
2000 January	34,800	29,400	5,400	15.4%
February	35,100	29,100	6,100	17.3%
March	36,100	29,800	6,300	17.4%
April	35,000	29,500	5,600	15.9%
May	37,000	31,700	5,200	14.2%
June	38,000	32,800	5,200	13.7%
July	38,200	33,900	4,200	11.1%
August	38,100	35,300	2,800	7.4%
September	37,700	34,700	3,000	8.0%
October	36,400	32,800	3,600	9.9%
November	37,500	32,300	5,200	14.0%
December	36,600	31,700	4,900	13.3%
Annual Average	36,700	31,900	4,800	13.1%

Sutter County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1999	January	35,100	29,400	5,700	16.2%
	February	35,400	28,900	6,500	18.4%
	March	35,500	29,200	6,300	17.9%
	April	35,700	30,100	5,500	15.5%
	May	36,200	31,100	5,100	14.0%
	June	36,800	32,000	4,800	13.1%
	July	36,100	32,100	4,000	11.0%
	August	36,800	34,100	2,800	7.5%
	September	36,100	33,400	2,700	7.5%
	October	35,400	32,300	3,100	8.7%
	November	35,700	31,000	4,700	13.2%
	December	35,300	30,600	4,700	13.4%
	Annual Average	35,900	31,200	4,700	13.1%
1998	January	35,100	28,500	6,600	18.8%
	February	36,000	28,500	7,500	20.9%
	March	36,100	28,800	7,300	20.3%
	April	35,900	28,900	7,000	19.4%
	May	36,100	30,100	6,100	16.8%
	June	36,700	30,900	5,800	15.9%
	July	35,600	30,800	4,800	13.4%
	August	35,800	32,200	3,600	10.1%
	September	34,900	31,800	3,100	8.9%
	October	34,900	31,000	4,000	11.4%
	November	35,300	30,100	5,200	14.9%
	December	34,800	29,300	5,500	15.9%
	Annual Average	35,600	30,100	5,500	15.4%
1997	January	34,100	27,700	6,300	18.6%
	February	34,900	27,900	7,000	20.1%
	March	35,200	28,500	6,700	19.0%
	April	35,600	29,400	6,200	17.3%
	May	35,900	30,400	5,500	15.4%
	June	35,900	30,600	5,200	14.6%
	July	35,600	31,500	4,100	11.5%
	August	36,200	33,100	3,100	8.5%
	September	35,600	32,000	3,600	10.1%
	October	35,600	31,200	4,400	12.4%
	November	36,200	30,300	5,900	16.2%
	December	35,500	29,700	5,800	16.3%
	Annual Average	35,500	30,200	5,300	14.9%

Sutter County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1996	January	33,000	26,700	6,400	19.3%
	February	34,100	26,700	7,400	21.6%
	March	34,300	27,300	7,100	20.6%
	April	34,000	27,500	6,500	19.2%
	May	34,400	28,900	5,500	16.1%
	June	34,900	29,700	5,200	14.9%
	July	35,100	30,900	4,200	12.0%
	August	35,200	32,000	3,200	9.2%
	September	34,600	31,000	3,600	10.5%
	October	33,400	29,300	4,000	12.1%
	November	34,500	28,800	5,700	16.5%
	December	33,900	28,100	5,800	17.1%
	Annual Average	34,300	28,900	5,400	15.7%
1995	January	34,100	27,300	6,800	20.0%
	February	34,900	27,300	7,600	21.7%
	March	35,100	27,500	7,600	21.6%
	April	34,800	27,600	7,200	20.7%
	May	35,000	28,400	6,600	18.9%
	June	34,700	28,800	5,900	17.0%
	July	34,500	29,600	4,900	14.2%
	August	35,100	31,200	3,900	11.1%
	September	34,300	30,200	4,100	11.9%
	October	33,700	29,300	4,400	13.0%
	November	34,600	28,400	6,200	18.0%
	December	33,800	27,600	6,200	18.4%
	Annual Average	34,600	28,600	6,000	17.3%
1994	January	34,200	27,000	7,200	21.0%
	February	34,600	26,900	7,700	22.2%
	March	34,300	27,100	7,200	20.9%
	April	34,300	27,900	6,400	18.7%
	May	34,600	28,900	5,700	16.4%
	June	34,100	28,900	5,200	15.3%
	July	34,700	30,000	4,700	13.4%
	August	35,100	31,400	3,700	10.5%
	September	35,000	30,900	4,100	11.7%
	October	33,400	29,100	4,300	12.9%
	November	34,400	28,400	6,000	17.5%
	December	33,600	27,600	6,000	17.8%
	Annual Average	34,400	28,700	5,700	16.6%

Sutter County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1993	January	32,700	25,500	7,200	22.1%
	February	33,800	25,600	8,200	24.1%
	March	34,200	26,200	8,000	23.4%
	April	34,600	27,200	7,400	21.3%
	May	34,900	28,300	6,600	18.9%
	June	35,700	29,100	6,600	18.5%
	July	36,000	30,600	5,400	15.1%
	August	35,800	31,200	4,600	12.7%
	September	36,000	30,900	5,100	14.1%
	October	34,400	29,000	5,400	15.7%
	November	34,700	28,200	6,500	18.7%
	December	34,400	27,700	6,700	19.4%
	Annual Average	34,800	28,300	6,500	18.7%
1992	January	32,900	25,900	7,000	21.2%
	February	34,500	25,900	8,600	24.8%
	March	34,300	26,100	8,200	23.8%
	April	34,700	26,800	7,900	22.8%
	May	35,000	28,000	7,000	19.9%
	June	35,000	28,100	6,900	19.8%
	July	35,900	29,700	6,200	17.3%
	August	34,000	30,200	3,800	11.2%
	September	34,000	28,800	5,200	15.2%
	October	33,200	27,700	5,500	16.6%
	November	33,600	26,700	6,900	20.6%
	December	33,500	26,400	7,100	21.1%
	Annual Average	34,200	27,500	6,700	19.6%
1991	January	33,400	26,700	6,700	20.0%
	February	34,100	26,700	7,400	21.6%
	March	34,100	26,600	7,500	22.1%
	April	34,300	27,300	7,000	20.4%
	May	34,400	28,700	5,700	16.5%
	June	34,600	29,000	5,600	16.2%
	July	35,300	29,900	5,400	15.2%
	August	36,200	32,300	3,900	10.7%
	September	35,800	32,000	3,800	10.6%
	October	33,800	29,200	4,600	13.7%
	November	34,400	28,500	5,900	17.2%
	December	34,200	27,900	6,300	18.3%
	Annual Average	34,500	28,700	5,800	16.8%

Sutter County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1990 January	31,000	25,900	5,100	16.4%
February	31,900	26,200	5,700	17.9%
March	31,900	26,400	5,500	17.2%
April	32,500	27,500	5,100	15.6%
May	33,300	28,900	4,400	13.1%
June	33,400	29,200	4,200	12.6%
July	34,900	30,900	4,000	11.6%
August	36,200	33,100	3,100	8.4%
September	35,100	31,700	3,500	9.9%
October	32,400	28,400	4,000	12.4%
November	33,500	27,700	5,800	17.3%
December	32,800	27,100	5,700	17.4%
Annual Average	33,300	28,600	4,700	14.2%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years. *March 2002 Benchmark figures.

Yuba County
Civilian Labor Force, Employment and Unemployment
 (2002 Benchmark)
 Annual Averages 1990–2002

	Labor Force	Employment	Unemployment	Rate
2002	21,800	18,900	2,900	13.3%
2001	21,600	19,000	2,600	12.1%
2000	21,200	18,700	2,500	11.8%
1999	20,600	18,200	2,400	11.7%
1998	20,800	18,000	2,800	13.5%
1997	21,100	18,300	2,800	13.3%
1996	20,900	18,000	2,900	13.9%
1995	21,200	18,000	3,200	15.2%
1994	22,200	18,700	3,500	15.8%
1993	23,100	19,100	4,000	17.3%
1992	22,500	18,600	3,900	17.4%
1991	22,600	19,500	3,100	13.7%
1990	22,300	19,900	2,400	10.8%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Yuba County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

	Labor Force	Employment	Unemployment	Rate
2002 January	21,400	18,000	3,400	15.8%
February	21,400	18,100	3,300	15.5%
March	21,400	18,100	3,300	15.5%
April	21,400	18,400	3,000	14.0%
May	21,500	18,900	2,600	12.2%
June	21,900	19,000	2,900	13.3%
July	22,400	19,400	3,000	13.2%
August	22,600	20,000	2,600	11.5%
September	22,000	19,600	2,500	11.3%
October	21,900	19,500	2,400	11.1%
November	21,700	19,000	2,700	12.3%
December	21,600	18,900	2,700	12.7%
Annual Average	21,800	18,900	2,900	13.3%
2001 January	21,100	18,100	3,000	14.2%
February	21,100	18,000	3,000	14.4%
March	21,200	18,200	3,000	14.2%
April	20,800	18,200	2,600	12.5%
May	21,100	18,700	2,400	11.2%
June	21,600	19,000	2,600	11.8%
July	22,500	20,000	2,500	11.1%
August	23,100	20,900	2,200	9.7%
September	22,300	20,100	2,200	9.9%
October	21,500	19,500	2,000	9.4%
November	21,100	18,600	2,500	11.9%
December	21,000	18,300	2,700	12.7%
Annual Average	21,600	19,000	2,600	12.1%
2000 January	20,000	17,200	2,800	13.8%
February	20,000	17,000	3,000	15.0%
March	20,500	17,500	3,100	15.0%
April	19,900	17,300	2,600	13.2%
May	21,000	18,600	2,500	11.6%
June	21,800	19,200	2,600	11.7%
July	22,500	19,900	2,600	11.6%
August	23,000	20,700	2,300	10.1%
September	22,300	20,300	2,000	8.9%
October	21,100	19,200	1,900	9.1%
November	21,100	18,900	2,200	10.6%
December	20,900	18,600	2,300	11.2%
Annual Average	21,200	18,700	2,500	11.8%

Yuba County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1999	January	20,200	17,200	3,000	14.7%
	February	20,000	16,900	3,000	15.3%
	March	20,000	17,000	2,900	14.6%
	April	20,100	17,600	2,500	12.5%
	May	20,400	18,200	2,200	10.9%
	June	21,100	18,700	2,400	11.4%
	July	21,400	18,800	2,600	12.0%
	August	22,000	19,900	2,100	9.6%
	September	21,400	19,500	1,900	9.0%
	October	20,700	18,900	1,800	8.8%
	November	20,300	18,100	2,100	10.5%
	December	20,000	17,900	2,200	10.9%
	Annual Average	20,600	18,200	2,400	11.7%
1998	January	20,700	17,100	3,600	17.4%
	February	20,600	17,000	3,600	17.4%
	March	20,600	17,200	3,400	16.3%
	April	20,400	17,300	3,100	15.3%
	May	20,700	18,000	2,700	13.1%
	June	21,300	18,500	2,800	13.1%
	July	21,500	18,500	3,100	14.3%
	August	21,800	19,300	2,500	11.7%
	September	21,400	19,000	2,300	10.8%
	October	20,600	18,500	2,000	9.8%
	November	20,300	18,000	2,300	11.3%
	December	20,000	17,500	2,500	12.3%
	Annual Average	20,800	18,000	2,800	13.5%
1997	January	20,200	16,800	3,400	16.8%
	February	20,100	16,900	3,200	15.8%
	March	20,200	17,300	3,000	14.8%
	April	20,500	17,800	2,700	13.0%
	May	20,900	18,400	2,500	12.2%
	June	21,400	18,500	2,800	13.3%
	July	22,000	19,000	3,000	13.5%
	August	22,600	20,000	2,600	11.4%
	September	21,900	19,400	2,500	11.6%
	October	21,100	18,900	2,300	10.8%
	November	20,800	18,400	2,400	11.5%
	December	20,600	17,900	2,600	12.8%
	Annual Average	21,100	18,300	2,800	13.3%

Yuba County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1996	January	20,200	16,600	3,600	17.8%
	February	20,300	16,700	3,600	17.8%
	March	20,400	17,000	3,400	16.7%
	April	20,300	17,100	3,100	15.4%
	May	20,700	18,000	2,700	13.0%
	June	21,300	18,500	2,700	12.9%
	July	22,300	19,300	3,100	13.7%
	August	22,600	19,900	2,600	11.6%
	September	21,900	19,300	2,600	11.7%
	October	20,700	18,300	2,400	11.7%
	November	20,500	18,000	2,500	12.1%
	December	20,200	17,500	2,600	13.1%
	Annual Average	20,900	18,000	2,900	13.9%
1995	January	20,900	17,100	3,800	18.3%
	February	20,800	17,100	3,700	17.8%
	March	21,000	17,300	3,700	17.6%
	April	20,700	17,300	3,400	16.5%
	May	21,200	17,900	3,300	15.4%
	June	21,400	18,100	3,300	15.6%
	July	21,900	18,600	3,300	15.1%
	August	22,300	19,600	2,700	12.3%
	September	21,600	18,900	2,700	12.6%
	October	21,000	18,400	2,600	12.3%
	November	20,500	17,800	2,700	13.1%
	December	20,100	17,300	2,800	14.1%
	Annual Average	21,200	18,000	3,200	15.2%
1994	January	21,800	17,600	4,200	19.4%
	February	22,000	17,500	4,500	20.4%
	March	21,900	17,700	4,200	19.1%
	April	21,800	18,200	3,600	16.5%
	May	22,300	18,800	3,500	15.7%
	June	22,400	18,800	3,600	15.9%
	July	23,300	19,600	3,700	15.8%
	August	23,600	20,500	3,100	13.3%
	September	23,000	20,100	2,900	12.5%
	October	21,800	19,000	2,800	12.7%
	November	21,400	18,500	2,900	13.6%
	December	21,000	18,000	3,000	14.3%
	Annual Average	22,200	18,700	3,500	15.8%

Yuba County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1993	January	21,900	17,200	4,700	21.6%
	February	22,000	17,300	4,700	21.4%
	March	22,100	17,700	4,400	20.0%
	April	22,600	18,400	4,200	18.5%
	May	22,900	19,100	3,800	16.8%
	June	23,800	19,600	4,200	17.7%
	July	25,000	20,600	4,400	17.6%
	August	24,600	21,000	3,600	14.6%
	September	24,300	20,800	3,500	14.3%
	October	22,900	19,600	3,300	14.5%
	November	22,300	19,000	3,300	15.0%
	December	22,200	18,600	3,600	16.2%
	Annual Average	23,100	19,100	4,000	17.3%
1992	January	21,200	17,400	3,800	18.0%
	February	21,800	17,500	4,300	19.8%
	March	21,700	17,600	4,100	18.7%
	April	22,100	18,000	4,100	18.4%
	May	22,500	18,800	3,700	16.5%
	June	23,000	18,900	4,100	17.9%
	July	23,700	20,000	3,700	15.7%
	August	24,200	20,400	3,800	15.7%
	September	23,000	19,400	3,600	15.5%
	October	22,300	18,700	3,600	16.3%
	November	21,600	18,000	3,600	16.7%
	December	21,800	17,800	4,000	18.5%
	Annual Average	22,500	18,600	3,900	17.4%
1991	January	21,600	18,100	3,500	16.1%
	February	21,900	18,200	3,700	17.1%
	March	21,900	18,100	3,800	17.5%
	April	22,000	18,500	3,500	15.9%
	May	22,600	19,500	3,100	13.6%
	June	23,000	19,700	3,300	14.5%
	July	23,500	20,300	3,200	13.7%
	August	24,300	21,900	2,400	10.0%
	September	24,100	21,700	2,400	9.8%
	October	22,300	19,900	2,400	10.8%
	November	22,200	19,400	2,800	12.8%
	December	22,000	18,900	3,100	14.0%
	Annual Average	22,600	19,500	3,100	13.7%

Yuba County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1990 January	20,500	18,000	2,500	12.1%
February	20,900	18,200	2,800	13.2%
March	21,100	18,400	2,700	12.8%
April	21,600	19,100	2,500	11.8%
May	22,400	20,100	2,300	10.2%
June	22,700	20,300	2,400	10.4%
July	23,800	21,500	2,400	10.0%
August	24,900	23,000	1,800	7.3%
September	23,900	22,000	1,900	8.0%
October	21,700	19,700	2,000	9.2%
November	21,700	19,300	2,400	11.2%
December	21,500	18,900	2,600	12.1%
Annual Average	22,300	19,900	2,400	10.8%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Projections & Planning Information

Module C:

Wage & Salary Employment

Table of Contents

Module C: Wage and Salary

Introduction	C-v
Commuter maps	C-vii
2000–2002 Annual Average Industry Employment Data	C-1
2000–2002 Monthly Industry Employment Data	C-2

Wage and Salary Employment

Industry employment data reflect jobs by “place of work” and by broad industry categories. The data do not include the self-employed, unpaid family workers or private household employees. Jobs located in a county or Metropolitan Statistical Area (MSA) that pay wages and salaries are counted, although workers may live outside the area. Jobs are counted regardless of the number of hours worked. Individuals who hold more than one job may be counted more than once.

Current Employment Statistics

These data are based on the Current Employment Statistics (CES) survey. The CES survey summarizes monthly employment, and hours and earnings data from a sample of California employers. This survey is also referred to as the establishment, or wage and salary employment survey. The estimates are revised in the following month as job information is received from additional employers. Final revisions to the statewide and local area data, referred to as “Benchmark data,” are made each March for the previous two years based on payroll tax reports submitted by California employers covered by the Unemployment Insurance program.

Classification

Formerly, industry employment data were coded using the Standard Industrial Classification (SIC) system. In 1998, California began to transition from SIC to the new North American Industry Classification System (NAICS).

NAICS is the product of a cooperative effort on the part of the statistical agencies of the United States, Canada, and Mexico. It uses a production-oriented approach to categorize economic units. Units with similar production processes are classified in the same industry. NAICS focuses on how products and services are created, as opposed to SIC which focuses on what is produced. Using NAICS yields significantly different industry groupings than those produced using SIC. Due to these differences, NAICS data will not be directly comparable to the SIC-based data for earlier years.

Many programs within EDD produce or use data by industry, but some of these programs have not

yet transitioned from SIC to NAICS. For example, while the official estimates of employment by industry (also known as the Current Employment Statistics or CES program) began publishing data by NAICS with the release of Benchmark and monthly average data in February of 2003, the projections of employment by industry and occupation will not incorporate NAICS codes until the release of the 2002–2012 data (anticipated release in late 2003 or early 2004).

Annual Average Data

Annual average data are derived by adding up the monthly data for each industry and dividing by twelve to determine an actual annual average. These annual average data may reflect major business openings, expansions, and closings. Or, these data may reflect trends affecting an entire industry such as economic conditions, structural and technological changes.

Users of Wage and Salary Data

Economic developers, firms considering relocation, government agencies, grant writers, universities and anyone preparing reports on employment use wage and salary employment information to identify local industry trends. People looking for work and those counseling or placing others may learn about prospects for employment in various industries. Anyone seeking background information may use the wage and salary industry employment tables to look at the county's economy as a whole; at one industry; and/or at related industries for a firm's suppliers or for potential markets.

Points to Consider

Monthly job estimates are not adjusted for seasonal changes in employment. It is important to keep in mind that month-to-month changes may be due to regular seasonal patterns in an industry. For instance, during the holiday shopping season, retail jobs increase and during the summer, there are more workers in the construction industry. On the other hand, changes may reflect new businesses, expansions, or closings. Comparison of monthly changes for the same period in prior years will provide a better understanding of whether the change is seasonal or atypical.

Monthly fluctuations in wage and salary employment are an essential part of the changes that occur in the dynamic economy of a county or region. It is important to study wage and salary employment data over time to evaluate the strength of the local economy.

Wage and salary employment data identify which industries have the largest number of jobs. However, an industry with a large number of workers may not necessarily be expanding; it may even be downsizing, while new and expanding industries may not have large numbers of existing jobs but are a good source for new job opportunities.

Annual average data, over time, tend to be a better indicator of employment trends for the various industries in an area.

Additional Sources of Information

You may consult the labor force and industry and occupational projections modules of this report for more information on economic conditions in the county. Or, you may speak with the Labor Market Information Division's (LMID) area consultants located throughout the state who are knowledgeable about the economic activities within their local areas. Other sources of information include:

- U. S. Bureau of Labor Statistics
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Universities and Colleges

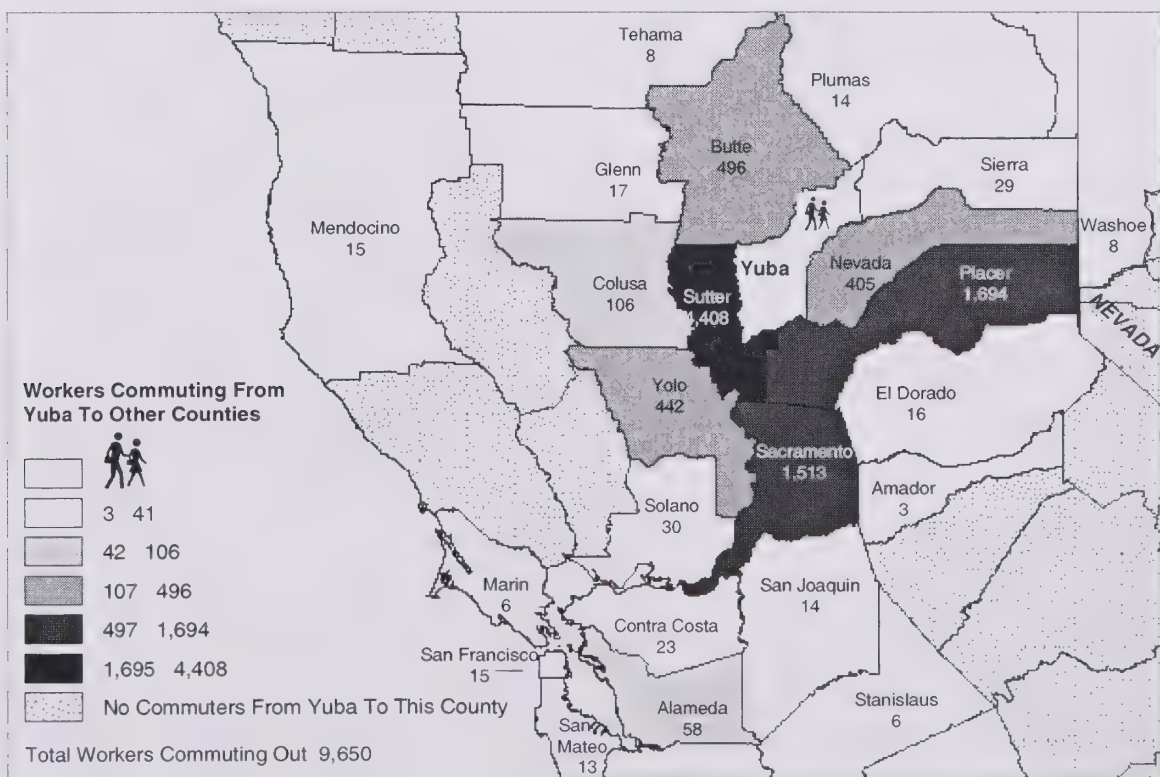
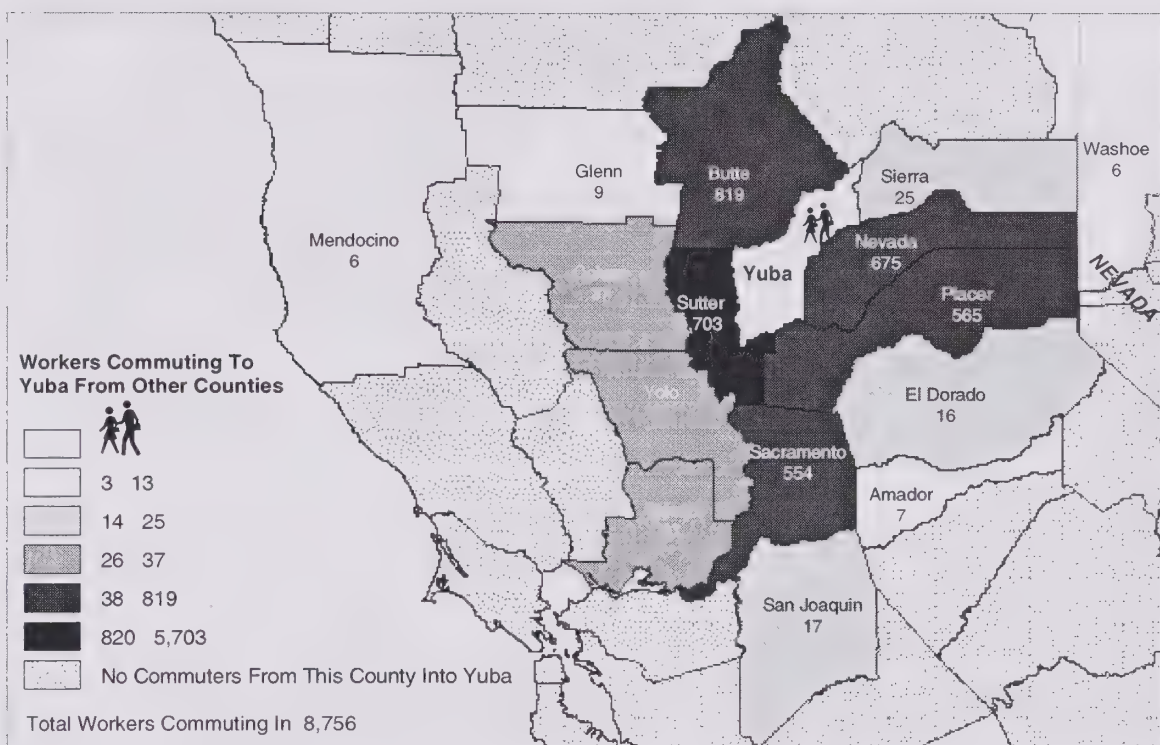
Automated Access

Access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

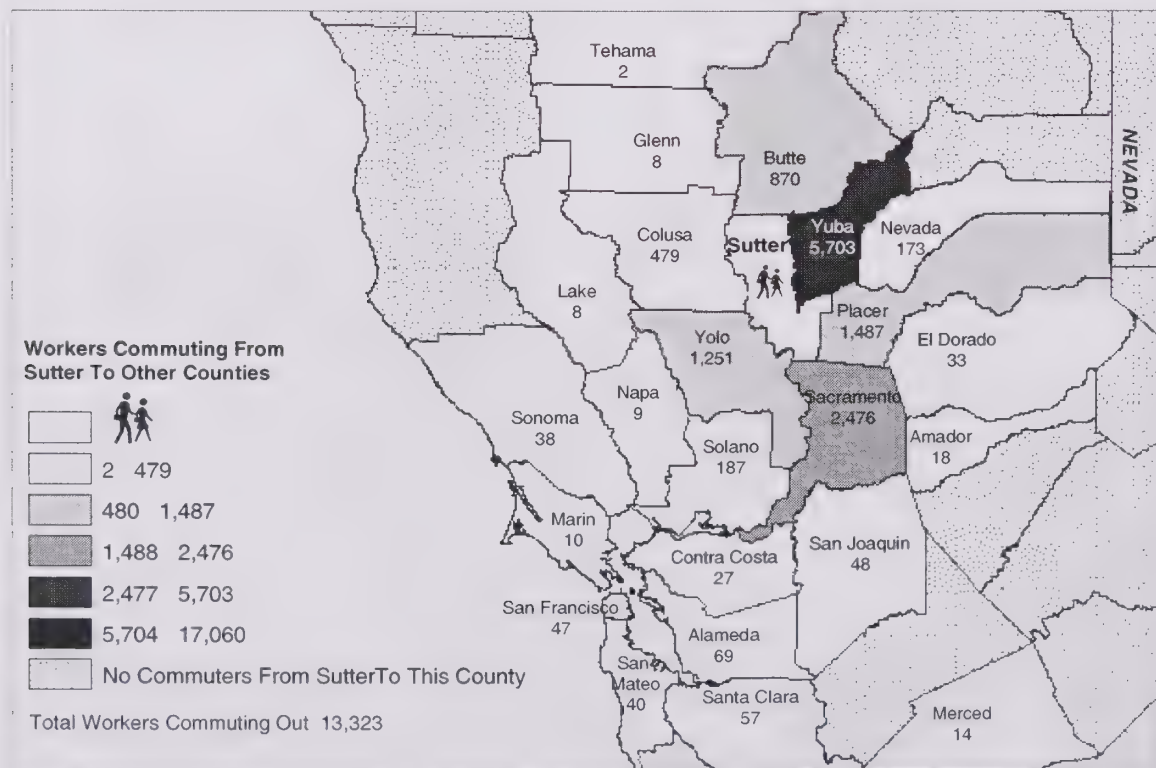
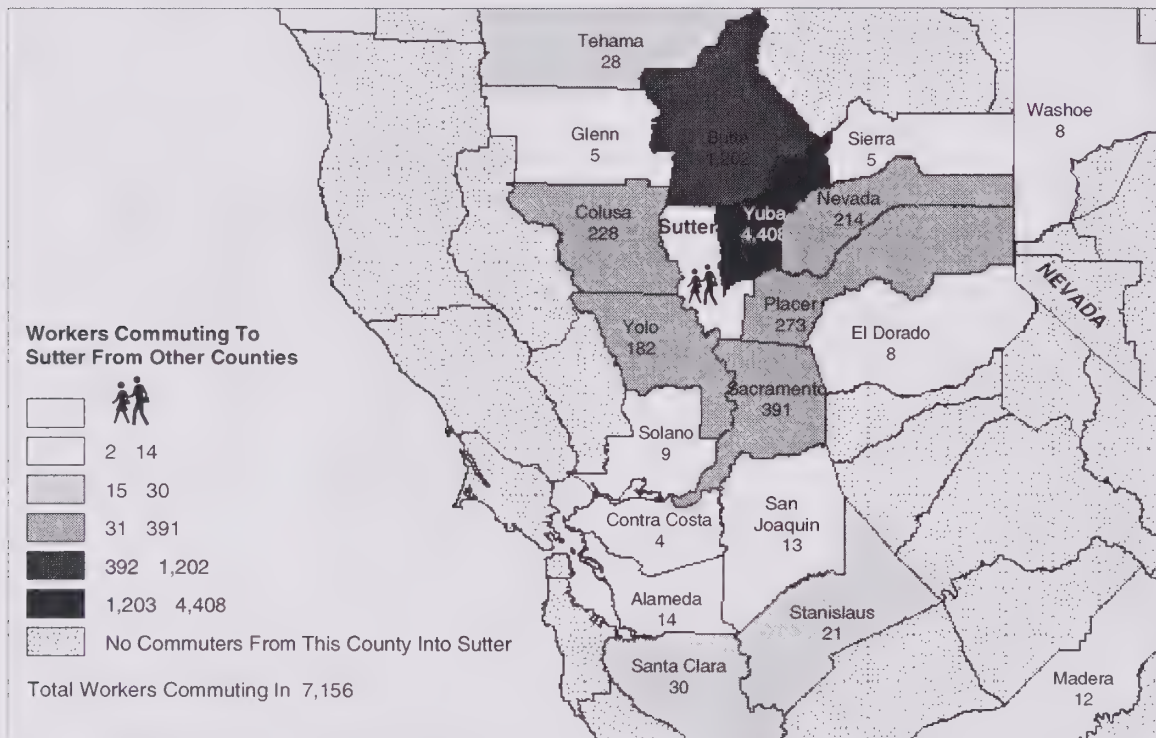
For technical assistance or additional information about the Employment Development Department's website, please call (916) 262-2162. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162, or FAX (916) 262-2443.

Yuba: County to County Commuting



Total Workers That Live And Work In Yuba 12,340

Sutter: County to County Commuting



Total Workers That Live And Work In Sutter 17,060

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Total Wage and Salary	43,100	43,400	42,800
Total Farm	6,100	5,300	4,800
Total Nonfarm	37,000	38,100	38,000
Total Private	26,200	27,300	27,900
Goods Producing	5,700	5,900	5,600
Natural Resources, Mining and Construction	2,300	2,600	2,400
Manufacturing	3,400	3,300	3,200
Durable Goods	1,700	1,700	1,600
Wood Product Manufacturing	900	800	800
Residual-Miscellaneous Manufacturing	800	800	800
Nondurable Goods	1,700	1,600	1,600
Service Providing	31,300	32,200	32,500
Trade, Transportation and Utilities	7,300	7,600	8,100
Wholesale Trade	900	1,100	1,400
Retail Trade	5,400	5,300	5,500
Food and Beverage Stores	1,100	1,000	1,100
General Merchandise Stores	1,300	1,200	1,200
Residual-Miscellaneous Store Retailers	3,000	3,000	3,300
Transportation, Warehousing and Utilities	900	1,200	1,200
Information	400	400	300
Financial Activities	1,400	1,400	1,300
Finance and Insurance	700	700	600
Real Estate and Rental and Leasing	700	700	700
Professional and Business Services	2,800	2,600	2,700
Educational and Health Services	4,200	4,700	4,900
Leisure and Hospitality	3,200	3,300	3,600
Food Services and Drinking Places	2,500	2,700	3,000
Residual-Arts, Entertainment, and Recreation	700	700	700
Other Services	1,100	1,500	1,500
Government	10,900	10,800	10,100
Federal Government	1,600	1,500	1,500
State and Local Government	9,300	9,300	8,600
State Government	1,100	1,200	1,100
Local Government	8,200	8,100	7,500

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	38,800	38,400	39,400	40,700	43,200	45,000	46,100	48,500	47,900	44,000	43,200	42,400	43,100
Total Farm	3,900	3,700	3,800	4,700	6,500	7,200	8,300	10,400	9,300	6,100	4,900	4,300	6,100
Total Nonfarm	34,900	34,700	35,600	36,000	36,700	37,800	37,800	38,100	38,600	37,900	38,300	38,100	37,000
Total Private	24,300	24,100	24,500	25,100	25,500	26,500	27,100	27,600	27,600	26,900	27,300	27,300	26,200
Goods Producing	4,900	5,000	5,200	5,400	5,600	6,100	6,500	6,500	6,200	5,800	5,800	5,800	5,700
Natural Resources, Mining and Construction	1,900	2,000	2,100	2,200	2,300	2,400	2,600	2,600	2,500	2,400	2,400	2,500	2,300
Manufacturing	3,000	3,000	3,100	3,200	3,300	3,700	3,900	3,900	3,700	3,400	3,400	3,300	3,400
Durable Goods	1,600	1,600	1,700	1,700	1,700	1,900	1,800	1,800	1,700	1,600	1,700	1,700	1,700
Wood Product Manufacturing	800	800	900	900	900	1,000	900	900	900	800	900	900	900
Residual-Miscellaneous Manufacturing	800	800	800	800	800	900	900	900	800	800	800	800	800
Nondurable Goods	1,400	1,400	1,400	1,500	1,600	1,800	2,100	2,100	2,000	1,800	1,700	1,600	1,700
Service Providing	30,000	29,700	30,400	30,600	31,100	31,700	31,300	31,600	32,400	32,100	32,500	32,300	31,300
Trade, Transportation and Utilities	7,100	6,900	7,000	7,100	7,100	7,200	7,300	7,400	7,400	7,400	7,500	7,600	7,300
Wholesale Trade	900	900	900	900	900	900	1,000	900	900	900	900	900	900
Retail Trade	5,300	5,100	5,200	5,300	5,300	5,400	5,400	5,500	5,500	5,500	5,600	5,700	5,400
Food and Beverage Stores	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
General Merchandise Stores	1,300	1,200	1,200	1,300	1,200	1,300	1,300	1,300	1,300	1,300	1,500	1,500	1,300
Residual-Miscellaneous Store Retailers	2,900	2,800	2,900	2,900	3,000	3,000	3,000	3,100	3,100	3,100	3,000	3,100	3,000
Transportation, Warehousing and Utilities	900	900	900	900	900	900	900	1,000	1,000	1,000	1,000	1,000	900
Information	400	400	400	400	400	400	400	400	400	400	400	400	400
Financial Activities	1,300	1,400	1,300	1,400	1,400	1,400	1,400	1,400	1,500	1,400	1,500	1,500	1,400
Finance and Insurance	700	700	700	700	700	700	700	700	800	700	800	800	700
Real Estate and Rental and Leasing	600	700	600	700	700	700	700	700	700	700	700	700	700
Professional and Business Services	2,600	2,500	2,700	2,700	2,700	2,900	2,900	3,000	3,100	3,000	3,000	2,900	2,800
Educational and Health Services	4,000	4,000	4,000	4,100	4,100	4,200	4,100	4,300	4,400	4,400	4,500	4,500	4,200
Leisure and Hospitality	2,900	2,900	2,900	3,000	3,100	3,200	3,300	3,400	3,400	3,300	3,300	3,300	3,200
Food Services and Drinking Places	2,300	2,300	2,300	2,400	2,400	2,500	2,500	2,600	2,600	2,600	2,600	2,600	2,500
Residual-Arts, Entertainment, and Recreation	600	600	600	600	700	700	800	800	800	700	700	700	700
Other Services	1,100	1,000	1,000	1,000	1,100	1,100	1,200	1,200	1,200	1,200	1,300	1,300	1,100

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	10,600	10,600	11,100	10,900	11,200	11,300	10,700	10,500	11,000	11,000	11,000	10,800	10,900
Federal Government	1,500	1,500	1,500	1,500	1,700	1,600	1,700	1,600	1,500	1,500	1,500	1,500	1,600
State and Local Government	9,100	9,100	9,600	9,400	9,500	9,700	9,000	8,900	9,500	9,500	9,500	9,300	9,300
State Government	1,000	1,000	1,100	1,100	1,100	1,100	1,100	1,200	1,200	1,100	1,100	1,100	1,100
Local Government	8,100	8,100	8,500	8,300	8,400	8,600	7,900	7,700	8,300	8,400	8,400	8,200	8,200

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	40,800	40,800	41,300	41,600	43,400	44,200	46,100	48,400	46,600	44,400	42,200	41,300	43,400
Total Farm	3,700	3,600	3,900	4,000	5,900	6,100	7,400	8,800	7,300	5,400	4,400	3,400	5,300
Total Nonfarm	37,100	37,200	37,400	37,600	37,500	38,100	38,700	39,600	39,300	39,000	37,800	37,900	38,100
Total Private	26,200	26,100	26,200	26,400	26,300	26,700	28,100	28,900	28,500	28,800	27,700	27,800	27,300
Goods Producing	5,600	5,500	5,500	5,500	5,500	5,400	6,500	7,100	6,600	6,400	5,400	5,300	5,900
Natural Resources, Mining and Construction	2,500	2,500	2,500	2,700	2,700	2,500	2,700	2,700	2,600	2,600	2,500	2,400	2,600
Manufacturing	3,100	3,000	3,000	2,800	2,800	2,900	3,800	4,400	4,000	3,800	2,900	2,900	3,300
Durable Goods	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,600	1,600	1,500	1,500	1,700
Wood Product Manufacturing	900	900	900	900	900	800	800	800	800	800	800	700	800
Residual-Miscellaneous Manufacturing	800	800	800	800	800	900	900	900	800	800	700	800	800
Nondurable Goods	1,400	1,300	1,300	1,100	1,100	1,200	2,100	2,700	2,400	2,200	1,400	1,400	1,600
Service Providing	31,500	31,700	31,900	32,100	32,000	32,700	32,200	32,500	32,700	32,600	32,400	32,600	32,200
Trade, Transportation and Utilities	7,200	7,200	7,200	7,200	7,100	7,400	7,500	7,600	7,800	8,000	8,200	8,300	7,600
Wholesale Trade	900	1,000	1,000	1,000	900	1,000	1,100	1,100	1,300	1,400	1,400	1,400	1,100
Retail Trade	5,200	5,200	5,100	5,100	5,100	5,200	5,200	5,200	5,200	5,300	5,600	5,700	5,300
Food and Beverage Stores	1,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,100	1,100	1,100	1,000
General Merchandise Stores	1,300	1,200	1,200	1,200	1,100	1,200	1,200	1,100	1,100	1,200	1,300	1,300	1,200
Residual-Miscellaneous Store Retailers	2,900	2,900	2,900	2,900	3,000	3,000	3,000	3,100	3,100	3,000	3,200	3,300	3,000
Transportation, Warehousing and Utilities	1,100	1,000	1,100	1,100	1,100	1,200	1,200	1,300	1,300	1,300	1,200	1,200	1,200
Information	400	400	400	400	300	400	400	400	400	300	300	400	400
Financial Activities	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,500	1,500	1,500	1,400
Finance and Insurance	700	700	700	700	700	700	700	700	700	800	800	800	700
Real Estate and Rental and Leasing	700	700	700	700	700	700	700	700	700	700	700	700	700
Professional and Business Services	2,600	2,600	2,600	2,500	2,500	2,500	2,700	2,700	2,700	2,700	2,600	2,700	2,600
Educational and Health Services	4,600	4,600	4,600	4,700	4,700	4,700	4,600	4,600	4,700	4,800	4,700	4,800	4,700
Leisure and Hospitality	3,000	3,000	3,100	3,300	3,400	3,500	3,400	3,500	3,400	3,600	3,500	3,400	3,300
Food Services and Drinking Places	2,400	2,500	2,500	2,600	2,700	2,800	2,700	2,800	2,700	2,900	2,800	2,800	2,700
Residual-Arts, Entertainment, and Recreation	600	500	600	700	700	700	700	700	700	700	700	600	700
Other Services	1,400	1,400	1,400	1,400	1,400	1,400	1,600	1,600	1,500	1,500	1,500	1,400	1,500

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	10,900	11,100	11,200	11,200	11,200	11,400	10,600	10,700	10,800	10,200	10,100	10,100	10,800
Federal Government	1,500	1,500	1,500	1,500	1,500	1,500	1,600	1,600	1,500	1,500	1,500	1,500	1,500
State and Local Government	9,400	9,600	9,700	9,700	9,700	9,900	9,000	9,100	9,300	8,700	8,600	8,600	9,300
State Government	1,100	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,100	1,100	1,200
Local Government	8,300	8,400	8,500	8,500	8,500	8,700	7,800	7,900	8,100	7,500	7,500	7,500	8,100

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total Wage and Salary	39,900	40,200	40,400	41,400	43,200	43,300	44,300	45,900	45,200	44,500	43,200	42,600	42,800
Total Farm	2,900	3,000	2,900	3,400	4,500	4,600	6,500	8,000	7,000	6,000	5,000	4,300	4,800
Total Nonfarm	37,000	37,200	37,500	38,000	38,700	38,700	37,800	37,900	38,200	38,500	38,200	38,300	38,000
Total Private	26,900	27,000	27,200	27,300	27,900	27,900	28,200	28,900	28,400	28,600	28,400	28,300	27,900
Goods Producing	5,000	5,100	5,100	5,400	5,400	5,500	6,000	6,400	5,900	5,700	5,600	5,500	5,600
Natural Resources, Mining and Construction	2,200	2,300	2,300	2,400	2,400	2,500	2,400	2,500	2,400	2,400	2,300	2,200	2,400
Manufacturing	2,800	2,800	2,800	3,000	3,000	3,000	3,600	3,900	3,500	3,300	3,300	3,300	3,200
Durable Goods	1,500	1,500	1,500	1,600	1,600	1,600	1,600	1,700	1,700	1,600	1,600	1,600	1,600
Wood Product Manufacturing	700	800	800	800	800	800	800	800	800	800	800	800	800
Residual-Miscellaneous Manufacturing	800	700	700	800	800	800	800	900	900	800	800	800	800
Nondurable Goods	1,300	1,300	1,300	1,400	1,400	1,400	2,000	2,200	1,800	1,700	1,700	1,700	1,600
Service Providing	32,000	32,100	32,400	32,600	33,300	33,200	31,800	31,500	32,300	32,800	32,600	32,800	32,500
Trade, Transportation and Utilities	7,800	7,700	7,800	7,800	8,000	8,100	8,100	8,100	8,100	8,400	8,400	8,400	8,100
Wholesale Trade	1,400	1,400	1,400	1,400	1,400	1,400	1,300	1,300	1,300	1,500	1,400	1,400	1,400
Retail Trade	5,300	5,200	5,300	5,300	5,400	5,500	5,600	5,600	5,600	5,600	5,800	5,900	5,500
Food and Beverage Stores	1,000	1,000	1,000	1,000	1,000	1,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100
General Merchandise Stores	1,200	1,100	1,200	1,100	1,200	1,200	1,200	1,200	1,200	1,200	1,300	1,400	1,200
Residual-Miscellaneous Store Retailers	3,100	3,100	3,100	3,200	3,200	3,300	3,300	3,300	3,300	3,300	3,400	3,400	3,300
Transportation, Warehousing and Utilities	1,100	1,100	1,100	1,100	1,200	1,200	1,200	1,200	1,200	1,300	1,200	1,100	1,200
Information	300	300	300	300	300	300	300	300	300	300	300	300	300
Financial Activities	1,400	1,400	1,400	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Finance and Insurance	700	700	700	600	600	600	600	600	600	600	600	600	600
Real Estate and Rental and Leasing	700	700	700	700	700	700	700	700	700	700	700	700	700
Professional and Business Services	2,600	2,600	2,700	2,600	2,600	2,600	2,700	2,800	2,700	2,700	2,700	2,700	2,700
Educational and Health Services	4,900	4,900	4,900	4,900	5,000	4,900	4,900	4,900	5,000	5,000	5,000	5,000	4,900
Leisure and Hospitality	3,500	3,600	3,600	3,600	3,900	3,800	3,500	3,600	3,600	3,600	3,600	3,600	3,600
Food Services and Drinking Places	2,900	3,000	2,900	2,900	3,200	3,100	2,800	2,900	2,900	2,900	3,000	3,000	3,000
Residual-Arts, Entertainment, and Recreation	600	600	700	700	700	700	700	700	700	700	600	600	700
Other Services	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,500	1,500	1,600	1,500	1,500	1,500

*March 2002 Benchmark figures.

Yuba MSA
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	10,100	10,200	10,300	10,700	10,800	10,800	9,600	9,000	9,800	9,900	9,800	10,000	10,100
Federal Government	1,500	1,400	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
State and Local Government	8,600	8,800	8,800	9,200	9,300	9,300	8,100	7,500	8,300	8,400	8,300	8,500	8,600
State Government	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Local Government	7,500	7,700	7,700	8,100	8,200	8,200	7,000	6,400	7,200	7,300	7,200	7,400	7,500

*March 2002 Benchmark figures.

Projections & Planning Information

Module D:

Projections

PROJECTIONS AND PLANNING INFORMATION

2001 UPDATES

FOR

SUTTER / YUBA COUNTIES

Replace Module D: PROJECTIONS

**EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION**

For questions about this report, call (916) 262-2625

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TABLE OF CONTENTS

MODULE D: INDUSTRY AND OCCUPATIONAL PROJECTIONS	PAGE
Introduction	D-v
Description of Industry and Occupational Tables.....	D-viii
Training Level Definitions.....	D-xi
Table 1 - Employment by Major Industry Sutter / Yuba Counties.....	D-1
Table 2 - Industry Employment Projections Sutter / Yuba Counties	D-2
Colusa County.....	D-4
Glenn County.....	D-5
Lake County.....	D-6
Table 3 - Employment by Major Occupational Group NORTH CENTRAL Consortium.....	D-7
Table 4 - Occupations with the Greatest Absolute Job Growth NORTH CENTRAL Consortium.....	D-8
Table 5 - Occupations with the Fastest Job Growth NORTH CENTRAL Consortium.....	D-10
Table 6 - Occupational Employment Projections NORTH CENTRAL Consortium.....	D-12
Table 7 - Occupations with the Most Openings NORTH CENTRAL Consortium.....	D-30
Table 8 - Occupations with Projected Declines NORTH CENTRAL Consortium.....	D-32
Appendix	End of Section
Alphabetical Index of Occupations	
Standard Industrial Classification Manual (SIC)-1987	
North American Industry Classification System (NAICS)	
Projection Methods and Economic Assumptions	

INTRODUCTION

to Industry and Occupational Projections

Using Projections Data

The projections contained in these tables provide information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends. However, before reaching any final conclusions, the user should consider the following:

Remember that these data are estimates.

They were developed based on the assumption that historical trends will continue into the future. However, events may occur during the seven-year projection period that are impossible to predict. Events such as military base closures, major business closures or openings and natural disasters can all have a major impact on employment levels.

Do not use these projections as your sole source of information. Use other, more recent sources of local economic data to corroborate the projection data. This information may be found in other documents such as those published by the Employment Development Department's Labor Market Information Division, local chambers of commerce, or local economic development agencies.

Projections employment data are annual averages. These averages may not accurately portray seasonal occupations or industries such as those found in agriculture, retail sales, recreation, and construction.

Employment levels stated reflect workers who are covered by the Unemployment Insurance program. As a result, industries that are made up largely of individuals who are

self-employed will be understated. Examples include industries such as real estate, hair salons, and bookkeeping. Occupations such as dental hygienists and consultants will also show an understated level of employment.

Industry Projections

Projections by industry forecast the anticipated changes within an industry over time. Forecasts for each county are based on the county's past employment trends and are refined by a review of current economic developments within the local community. The effect of State-level economic trends are also considered.

Industry employment projections utilize industry employment data from both the Current Employment Statistics (CES) program, and the Employment Payroll (ES202) program. There is a certain amount of error built into both systems. These errors may include employers classified in the wrong industry, incorrect employment levels reported by the employer and employment reported in the wrong county.

If an industry shows a decrease in future employment, it may be that only one or two industry components are experiencing the decline and other components are still expected to hire new workers. It is best to investigate all sectors of the industry. For example, retail trade has several components: building materials and garden supplies; general merchandise stores; food stores, automotive dealers and service stations; and apparel and accessory stores, to name a few.

Geographical differences account for differing employment opportunities. If an individual is considering relocating from one area of the state to another, the size of the industry and its expected growth level need to be kept in mind. Small rural counties will not have the same employment possibilities as do the larger metropolitan areas.

Knowing Future Industry Trends:

- ✓ helps economic development professionals foster compatible growth and promote the county's strengths,
- ✓ helps local government agencies, non-profit agencies, researchers and other interested parties formulate plans and proposals,
- ✓ helps people looking for work and those doing counseling and/or job placement to learn about employment opportunities in various industries.

Occupational Projections

Projections by occupation estimate the changes in occupational employment over time resulting from two principal causes - growth and technology. Changes in the number, size and type of employers within a given geographical area will affect the demand for certain occupations. Also, technological advances or changes in laws or regulations may affect the occupational mix.

County occupational projections are prepared for all but the smaller counties which are grouped together to produce projections at the multicounty level.

General changes in the work place affect some occupations. Jobs may be created, eliminated or consolidated because of restructuring or regulations affecting the requirements for the job. For example, personal computers and word processing programs eliminated many typist jobs, but created a need for word processors.

An occupational title does not give details about the occupation. An individual starting a career search may want to look at the various occupations in this module, choose any that are of interest and then do further research on the occupation or occupations of choice.

There are other sources of information (listed below) about specific occupations and the details, such as skills and educational requirements, hourly earnings, benefits, working conditions and advancement opportunities.

Industry staffing patterns used for the projections process are developed from the annual OES Survey of employers. The survey utilizes a sample of the entire universe of Unemployment Insurance (UI) covered employers. Because it is a survey, it is important that the following points be considered:

- ✓ There is inherent statistical error as a result of both the sampling process and the level of employer response to the survey mailings.
- ✓ The OES staffing patterns may contain errors because of the problems employers may have in completing the survey. These errors typically include misunderstanding of survey instructions, misinterpretation of occupational definitions and/or titles contained on the forms, and clerical errors in filling out the forms.
- ✓ The employer's response to the survey may reflect conditions that are atypical. The employer may be experiencing a temporary shutdown, seasonal high or low employment, or a temporary increase in demand for his/her product or service.

Occupational projections data indicate the major local occupations and which occupations are likely to offer the greatest number of job opportunities. When possible, the user should focus on larger groups rather than specific occupations. Some occupations may not appear in published tables because of the

very small number of people employed in that area or because of confidentiality concerns.

Although an occupation may be stable and is not expected to grow, it does not mean that there are no opportunities for employment. All occupations have turnover opportunities - individuals change or leave their jobs permanently for varying reasons. High turnover, especially in occupations that require lower-skill levels, would mean that there are frequent openings even though there is little or no growth.

The occupational projections data are prepared for employment and training planners, vocational educators, and others who need information on future employment by occupation. The outlook information can be used in making occupational training decisions and career choices. Employers considering expansion or relocation may find the data helpful in understanding the occupational composition and trends in a county or geographic region.

Additional Sources of Information

For additional information on economic conditions in a particular county, you may contact the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities within the counties that they serve, and the local One Stop locations where additional publications on labor market information may be obtained. Other sources of information include:

- Wage And Salary Employment by Industry
- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Occupational Guides
- Bureau of Labor Statistics, Dictionary of Occupational Titles

- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Standard Industrial Classification Manual

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. Customers may also call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

Description Of Industry and Occupational Tables

Employment includes nonagricultural wage and salary workers except for self-employed persons, unpaid family workers, private household workers, and those involved in labor-management trade disputes. For the Federal government sector, employment includes all civilian employees regardless of the activities in which they are engaged.

An **industry division** refers to a distinct group of private, public, or nonprofit enterprises engaged in producing goods or providing services. With the exception of government, industries are classified by the Standard Industrial Classification (SIC) system. Industries are grouped into ten major categories, according to the economic activity involved. The ten major categories or industry divisions are:

Agriculture, Forestry, and Fishing (SIC 01-09) includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

Mining (SIC 10-14) includes all establishments involved in the extraction of minerals, crude petroleum, and natural gas. It includes quarrying, well operations, milling, and other related activities.

Construction (SIC 15-17) includes establishments engaged in contract construction. This includes new work, additions, alterations, and repairs performed by general and special trade contractors.

Manufacturing (SIC 20-39) includes establishments which are usually described as plants, factories, or mills that are engaged in producing or processing non-durable or durable goods. These characteristically use power-driven machines and material-handling equipment.

Transportation and Public Utilities (SIC 40-49) includes enterprises engaged in passenger and freight transportation by surface, water, and air and warehousing and other transportation services. It also includes the communications complex of telephone, telegraph, radio, and television; and the utilities providing gas, electric, and sanitary services.

Wholesale Trade (SIC 50-51) includes establishments involved in the selling of merchandise to retailers; to industrial, commercial, farm, construction contractors, or professional business users; or to other wholesalers.

Retail Trade (SIC 52-59) includes establishments involved in the selling of merchandise for personal or household consumption and rendering services incidental to the sale of goods.

Finance, Insurance, and Real Estate (SIC 60-67) includes banks, savings and loan institutions, and security and commodity brokerages, insurance agencies and carriers, real estate sales and management offices, and rental and planning agencies.

Services (SIC 70-89) includes establishments such as hotels, laundries, auto repair shops, theaters, legal services, advertising services, private schools and hospitals, and nonprofit organizations which are engaged in rendering a variety of services to individuals and businesses.

Government includes the legislative, judicial, administrative, and regulatory activities of federal, state, local and international governments. It also includes federal, state, and local government hospitals and education.

Industry Tables

Employment By Major Industry - Table 1

This table shows 1997 estimated employment and 2004 projected employment along with the percentage of total employment for each major industry division.

Employment By Industry - Table 2

This table shows employment and projected employment by industry. The number of jobs is estimated for 1997 and projected for 2004. The column entitled "SIC" lists the Standard Industrial Classification code for each industry grouping. The column labeled "Absolute Change" provides the projected change in employment between 1997 and 2004. The "Percent Change" column is the growth rate over the seven-year period.

Occupational groups are groups of occupations with similar skills and/or educational requirements, based on the OES groupings. There are over 800 detailed occupations and close to 100 summary level occupations in the Occupational Employment Statistics (OES) classification system. The seven occupational groups are listed below.

Managers And Administrative occupations are top and mid-level managers, administrators, and executives. Primary duties are policy making, planning, staffing, directing or controlling the activities of a firm. First-line supervisors are excluded from this category.

Professional, Paraprofessional, And Technical occupations are concerned with theoretical or practical aspects of such fields as science, art, education, health, law, and business relations. Professional occupations generally require long and intensive preparation, while technical occupations work closely with professional personnel and are required to have a combination of basic scientific knowledge and specialized education.

Sales And Related occupations are concerned with influencing customers to buy commodities, services, real estate, and investments.

Clerical And Administrative Support occupations prepare, transcribe, systematize, and preserve written communications and records; distribute information; and collect accounts.

Service Occupations prepare and serve food and drink; provide lodging and related services; provide grooming, cosmetic, and other personal and health care services; maintain and clean clothing and other wearing apparel; provide protection for people and property; attend to the comfort or requests of patrons of amusement and recreation facilities; and perform cleaning and maintenance services in the interiors of buildings.

Agricultural, Forestry, And Fishing occupations in this report include only forestry workers, nursery workers, animal caretakers, and gardeners and groundskeepers.

Production, Construction, Operating, Maintenance, and Material Handling are skilled, semi-skilled, and unskilled workers performing machine and manual tasks involving production, construction, operating maintenance, repair, and material handling operations.

Occupational Tables

Employment By Major Occupational Group - Table 3

This table shows 1997 and 2004 employment and projected employment for the seven major occupational groups. The "Percent of Total" column displays the percentage of total employment each major occupational group represents. The "Absolute Change" column gives the number of job opportunities resulting from the creation of new jobs. "Percent Change" shows the percentage change for each occupational group.

Occupations With The Greatest Absolute Job Growth - Table 4

This table lists the 50 occupations that are projected to register the largest absolute change between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new jobs over the 1997-2004 period.

Occupations With The Fastest Job Growth - Table 5

This table lists the 50 occupations with the greatest projected percentage increases. It provides a different perspective to future occupational employment changes. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and are not necessarily found in Table 4.

Occupational Employment Projections - Table 6

This table provides occupational detail for up to 800 occupations. Annual average employment in each occupation is shown for 1997 and 2004. The column headed "Absolute Change" presents the number of job opportunities resulting from the creation of new jobs. The "Percent Change" column shows the percentage change for each occupation. The next column, "Openings Due to Separations", shows job opportunities that are created by workers leaving the occupation. Also included in this table is the Occupational Employment Statistics (OES) codes column. It shows the distinctive California OES code for each occupational title.

Each occupation in Table 6 is identified by a line number. The Alphabetical Index of Occupations section found in this module may be used to locate individual occupations in the detailed

table. The same line numbers are used in all area reports for 1997-2004. Line numbers may be different for other time periods. Not all line numbers appear in all counties; missing line numbers indicate occupations with no employment or employment below the area's cutoff point for publishing.

Occupations With The Most Openings - Table 7 (Growth Plus Separations)

This table lists the occupations that are projected to register the largest absolute growth and separations between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new job openings over the 1997-2004 period.

Occupations With Projected Decline - Table 8

This table lists the occupations that are projected to decline over the 1997-2004 time period. Declining employment is a sign that the occupation has no growth. However, turnover may result in some job opportunities.

Training Level Definitions

Occupational training and education classifications were developed by the Bureau of Labor Statistics to improve on prior classification systems that did not distinguish between occupations with comparable educational requirements. For example, neither carpenters nor laborers require formal education beyond high school, but the complexity of the work and the training time required results in carpenters being placed in the long-term on-the-job training category and laborers placed in the short-term on-the-job training category. Of course there is more than one way to qualify for a job. In this classification system, the education and training required reflects the manner in which most workers become proficient in that occupation and the preferences of most employers.

1. First professional degree. Occupations that require at least two years of full-time academic study beyond a bachelor's degree (for example, law, medicine, dentistry and clergy).

2. Doctoral degree. Occupations that require at least three years of full-time academic study beyond a bachelor's degree culminating in a doctoral degree.

3. Master's degree. Occupations that require the completion of a master's degree program which is usually one to two years beyond a bachelor's degree.

4. Bachelor's or higher and some work experience. Occupations that generally require work experience in an occupation requiring a bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

5. Bachelor's degree. Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

6. Associate degree. Occupations that require the completion of at least 2 years of full-time academic study beyond high school.

7. Post-secondary vocational education. Occupations that require completion of vocational school training.

8. Work experience. Occupations that require skills obtained through work experience in a related occupation.

9. Long-term on-the-job training. Occupations that require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

10. Moderate-term on-the-job training. Occupations in which workers can develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

11. Short-term on-the-job-training. Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.

Table 1
Employment By Major Industry (1)
1997 - 2004 Annual Averages
SUTTER / YUBA COUNTIES

INDUSTRY	1997 (2)	PERCENT OF TOTAL	2004	PERCENT OF TOTAL
TOTAL NONFARM	33,400	100.0%	39,300	100.0%
MINING	100	0.3%	100	0.3%
CONSTRUCTION	1,700	5.1%	2,300	5.9%
MANUFACTURING	3,200	9.6%	3,900	9.9%
TRANSPORTATION & PUBLIC UTILITIES	1,500	4.5%	1,900	4.8%
TRADE	8,500	25.4%	9,500	24.2%
FINANCE, INSURANCE, & REAL ESTATE	1,400	4.2%	1,600	4.1%
SERVICES	7,800	23.4%	9,100	23.2%
GOVERNMENT	9,300	27.8%	10,900	27.7%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 1998 benchmark.

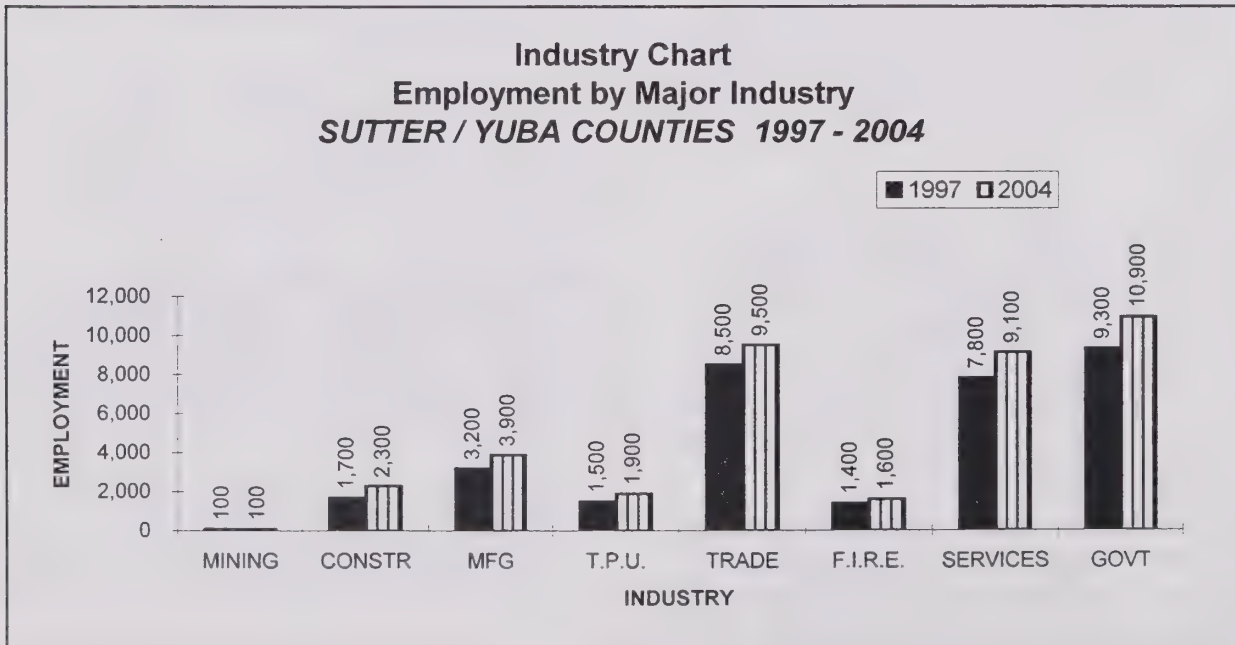


Table 2
Industry Employment Projections (1)
1997 - 2004
SUTTER / YUBA COUNTIES

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1997 (2)	2004		
TOTAL NONFARM	10-99(ex 88), 074,075,078	33,400	39,300	5,900	17.7%
GOODS PRODUCING	10-39	5,000	6,300	1,300	26.0%
MINING	10-14	100	100	0	0.0%
CONSTRUCTION	15-17	1,700	2,300	600	35.3%
MANUFACTURING	20-39	3,200	3,900	700	21.9%
Durable Goods	24,25,32-39	1,800	2,100	300	16.7%
Lumber & Wood Products	24	1,100	1,300	200	18.2%
Logging	241	200	300	100	50.0%
Sawmills	242	100	200	100	100.0%
Other Lumber & Wood Products		800	900	100	12.5%
Other Durable Goods		600	800	200	33.3%
Nondurable Goods	20-23,26-31	1,500	1,800	300	20.0%
Food & Kindred Products	20	1,100	1,300	200	18.2%
Other Nondurable Goods		400	500	100	25.0%
SERVICE PRODUCING	70-89, 074,075,078	28,400	33,000	4,600	16.2%
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	1,500	1,900	400	26.7%
Transportation	40-42,44-47	1,000	1,200	200	20.0%
Communications & Public Utilities	48,49	500	700	200	40.0%
TRADE	50-59	8,500	9,500	1,000	11.8%
Wholesale Trade	50,51	1,100	1,200	100	9.1%
Retail Trade	52-59	7,400	8,300	900	12.2%
General Merchandise	53	1,200	1,300	100	8.3%
Food Stores	54	1,200	1,500	300	25.0%
Eating & Drinking Places	58	2,300	2,400	100	4.3%
Other Retail Trade		2,700	3,100	400	14.8%
FINANCE, INSURANCE & REAL ESTATE	60-65,67	1,400	1,600	200	14.3%
Finance	60-62,67	600	700	100	16.7%
Other Finance Ins. & Real Estate		800	900	100	12.5%
SERVICES	70-89, 074,075,078	7,800	9,100	1,300	16.7%
Hotels & Other Lodging Places	70	200	200	0	0.0%
Business Services	73	1,000	1,300	300	30.0%
Amusement & Recreation	79	400	500	100	25.0%
Health Services	80	2,800	3,300	500	17.9%

Table 2
Industry Employment Projections (1)
1997 - 2004
SUTTER / YUBA COUNTIES

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1997 (2)	2004		
Social Serv. & Member Organizations	83,86	1,200	1,300	100	8.3%
Other Services		2,300	2,500	200	8.7%
GOVERNMENT		9,300	10,900	1,600	17.2%
Federal Government		1,300	1,400	100	7.7%
State & Local Government		8,000	9,500	1,500	18.8%
State Government		700	1,000	300	42.9%
Local Government		7,300	8,500	1,200	16.4%

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations).

Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 1998 benchmark.

Table 2
Industry Employment Projections (1)
1997 - 2004
COLUSA COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1997 (2)	2004		
TOTAL NONFARM	10-99(ex 88), 074,075,078	4,630	5,310	680	14.7%
GOODS PRODUCING	10-39	780	890	110	14.1%
CONSTRUCTION & MINING	10-17	80	140	60	75.0%
MANUFACTURING	20-39	700	750	50	7.1%
SERVICE PRODUCING	40-99(ex 88), 074,075,078	3,850	4,410	560	14.5%
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	300	320	20	6.7%
Transportation	40	250	250	0	0.0%
Communication & Public Utilities	42	50	70	20	40.0%
TRADE	50-59	1,350	1,390	40	3.0%
Wholesale Trade	50,51	250	260	10	4.0%
Retail Trade	52-59	1,100	1,130	30	2.7%
Food Stores	54	230	210	-20	-8.7%
Eating and Drinking Places	58	510	550	40	7.8%
Other Retail Trade		360	370	10	2.8%
FINANCE, INSURANCE & REAL ESTATE	60-65,67	180	170	-10	-5.6%
SERVICES	70-89, 074,075,078	650	1,010	360	55.4%
Hotels & Other Lodging Places	70	50	80	30	60.0%
Health Services	80	280	300	20	7.1%
Other Services		320	630	310	96.9%
GOVERNMENT		1,380	1,520	140	10.1%
Federal Government		80	80	0	0.0%
State & Local Government		1,300	1,440	140	10.8%
State Government		50	90	40	80.0%
Local Government		1,250	1,350	100	8.0%

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 1998 benchmark.

Table 2
Industry Employment Projections (1)
1997 - 2004
GLENN COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1997 (2)	2004		
TOTAL NONFARM	10-99(ex 88), 074,075,078	6,120	6,730	610	10.0%
GOODS PRODUCING	10-39	1,410	1,620	210	14.9%
CONSTRUCTION & MINING	10-17	350	420	70	20.0%
MANUFACTURING	20-39	1,070	1,200	130	12.1%
SERVICE PRODUCING	40-99(ex 88), 074,075,078	4,710	5,110	400	8.5%
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	320	370	50	15.6%
Transportation	40-42,44-47	240	300	60	25.0%
Communications & Public Utilities	48,49	80	70	-10	-12.5%
TRADE	50-59	1,390	1,550	160	11.5%
Wholesale Trade	50,51	270	350	80	29.6%
Retail Trade	52-59	1,110	1,200	90	8.1%
Food Stores	54	230	280	50	21.7%
Eating & Drinking Places	58	380	410	30	7.9%
Other Retail Trade		500	510	10	2.0%
FINANCE, INSURANCE & REAL ESTATE	60-65,67	180	180	0	0.0%
SERVICES	70-89, 074,075,078	700	790	90	12.9%
Hotels & Other Lodging Places	70	70	100	30	42.9%
Health Services	80	260	300	40	15.4%
Other Services		360	390	30	8.3%
GOVERNMENT		2,130	2,220	90	4.2%
Federal Government		280	280	0	0.0%
State & Local Government		1,850	1,940	90	4.9%
State Government		70	80	10	14.3%
Local Government		1,780	1,860	80	4.5%

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

(2) March 1998 benchmark.

Table 2
Industry Employment Projections (1)
1997 - 2004
LAKE COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1997 (2)	2004		
TOTAL NONFARM	10-99(ex 88), 074,075,078	11,890	15,320	3,430	28.8%
GOODS PRODUCING	10-39	990	1,330	340	34.3%
CONSTRUCTION & MINING	10-17	540	650	110	20.4%
MANUFACTURING	20-39	450	680	230	51.1%
SERVICE PRODUCING	40-99(ex 88), 074,075,078	10,910	14,000	3,090	28.3%
TRANSPORTATION & PUBLIC UTILITIES	40-42,44-49	490	910	420	85.7%
Transportation	40-42,44-47	260	640	380	146.2%
Communications & Public Utilities	48,49	230	280	50	21.7%
TRADE		3,040	3,520	610	15.8%
Wholesale Trade	50,51	340	380	40	11.8%
Retail Trade	52-59	2,700	3,140	440	16.3%
Food Stores	54	670	700	30	4.5%
Eating & Drinking Places	58	870	940	70	8.0%
Other Retail Trade		1,160	1,500	340	29.3%
FINANCE, INSURANCE & REAL ESTATE	60-65,67	560	570	10	1.8%
SERVICES	074,5,8,70-89	3,300	5,270	1,970	59.7%
Hotels & Other Lodging Places	70	570	720	150	26.3%
Health Services	80	1,120	1,940	820	73.2%
Other Services		1,620	2,610	990	61.1%
GOVERNMENT		3,520	3,730	210	6.0%
Federal Government		140	160	20	14.3%
State & Local Government		3,380	3,570	190	5.6%
State Government		170	180	10	5.9%
Local Government		3,220	3,390	170	5.3%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 1998 benchmark.

Table 3
Employment by Major Occupational Group
1997 - 2004 Annual Averages
NORTH CENTRAL CONSORTIUM

OCCUPATIONAL GROUP	1997	PERCENT OF TOTAL	2004	PERCENT OF TOTAL	ABSOLUTE CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS (1)	56,040	100.0%	66,660	100.0%	10,620	19.0%
MANAGERS AND ADMIN OCCUPATIONS	3,230	5.8%	3,760	5.6%	530	16.4%
PROFESSIONAL, PARAPROF, TECHNICAL	13,060	23.3%	15,800	23.7%	2,740	21.0%
SALES AND RELATED OCCUPATIONS	7,080	12.6%	8,590	12.9%	1,510	21.3%
CLERICAL, ADMINISTRATIVE SUPPORT	8,910	15.9%	10,120	15.2%	1,210	13.6%
SERVICE OCCUPATIONS	9,840	17.6%	11,520	17.3%	1,680	17.1%
AGRICULTURAL, FORESTRY, FISHING	1,400	2.5%	1,680	2.5%	280	20.0%
PROD, CONST, OPER, MAT HANDLING	12,520	22.3%	15,190	22.8%	2,670	21.3%

(1) Total is based on the March 1998 benchmark.

Occupational Chart
Employment by Major Occupational Group
NORTH CENTRAL CONSORTIUM 1997 - 2004

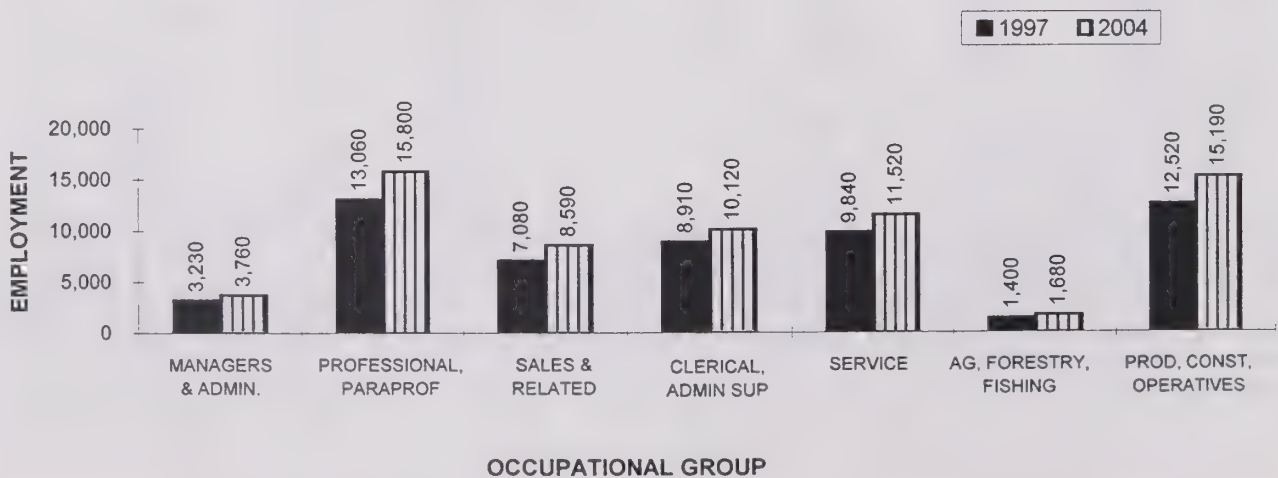


Table 4
Occupations With The Greatest Absolute Job Growth (1)
1997 - 2004

NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1997(2)	2004				
49023	CASHIERS	1,920	2,310	390	20.3%	11	SHORT-TERM ON-THE-JOB TRAINING
49011	SALESPERSONS, RETAIL	1,920	2,270	350	18.2%	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	1,110	1,380	270	24.3%	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	1,130	1,380	250	22.1%	6	ASSOCIATE DEGREE
43021	TRAVEL AGENTS	30	280	250	833.3%	7	POST-SECONDARY VOCATIONAL EDUCATION
19005	GENERAL MANAGERS, TOP EXECUTIVES	1,150	1,380	230	20.0%	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
32502	REGISTERED NURSES	940	1,150	210	22.3%	6	ASSOCIATE DEGREE
68014	AMUSEMENT, RECREATION ATTENDANTS	240	410	170	70.8%	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	400	560	160	40.0%	9	LONG-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	710	850	140	19.7%	11	SHORT-TERM ON-THE-JOB TRAINING
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	240	370	130	54.2%	5	BACHELOR'S DEGREE
31305	TEACHERS--ELEMENTARY SCHOOL	1,650	1,780	130	7.9%	5	BACHELOR'S DEGREE
31308	TEACHERS--SECONDARY SCHOOL	780	900	120	15.4%	5	BACHELOR'S DEGREE
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	470	590	120	25.5%	11	SHORT-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAIDS	910	1,030	120	13.2%	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	690	810	120	17.4%	9	LONG-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	650	770	120	18.5%	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	480	590	110	22.9%	11	SHORT-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GRNDSKEEPING	490	600	110	22.4%	11	SHORT-TERM ON-THE-JOB TRAINING
22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	280	380	100	35.7%	5	BACHELOR'S DEGREE
25104	COMPUTER SUPPORT SPECIALISTS	140	240	100	71.4%	5	BACHELOR'S DEGREE
63047	GUARDS AND WATCH GUARDS	170	270	100	58.8%	11	SHORT-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	1,040	1,140	100	9.6%	11	SHORT-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	410	510	100	24.4%	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	540	640	100	18.5%	11	SHORT-TERM ON-THE-JOB TRAINING
27308	HUMAN SERVICES WORKERS	90	180	90	100.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	390	480	90	23.1%	5	BACHELOR'S DEGREE
55338	BOOKKEEPING, ACCOUNTING CLERKS	1,000	1,090	90	9.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	280	370	90	32.1%	9	LONG-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TNDRS	230	320	90	39.1%	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 4
Occupations With The Greatest Absolute Job Growth (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1997(2)	2004				
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	480	560	80	16.7%	10	MODERATE-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	270	340	70	25.9%	5	BACHELOR'S DEGREE
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	320	390	70	21.9%	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	850	920	70	8.2%	11	SHORT-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,ELECTRIC	250	320	70	28.0%	11	SHORT-TERM ON-THE-JOB TRAINING
31321	INSTRUCTORS AND COACHES--SPORTS	280	340	60	21.4%	10	MODERATE-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	910	970	60	6.6%	7	POST-SECONDARY VOCATIONAL EDUCATION
63017	CORRECTION OFFICERS, JAILERS	210	270	60	28.6%	9	LONG-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	460	520	60	13.0%	9	LONG-TERM ON-THE-JOB TRAINING
27302	SOCIAL WORKERS--MED, PSYCHIATRIC	110	160	50	45.5%	3	MASTER'S DEGREE
49017	COUNTER AND RENTAL CLERKS	240	290	50	20.8%	11	SHORT-TERM ON-THE-JOB TRAINING
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	310	360	50	16.1%	11	SHORT-TERM ON-THE-JOB TRAINING
63032	SHERIFFS AND DEPUTY SHERIFFS	190	240	50	26.3%	9	LONG-TERM ON-THE-JOB TRAINING
66002	DENTAL ASSISTANTS	180	230	50	27.8%	10	MODERATE-TERM ON-THE-JOB TRAINING
66005	MEDICAL ASSISTANTS	120	170	50	41.7%	10	MODERATE-TERM ON-THE-JOB TRAINING
68038	CHILD CARE WORKERS	170	220	50	29.4%	11	SHORT-TERM ON-THE-JOB TRAINING
87202	ELECTRICIANS	180	230	50	27.8%	9	LONG-TERM ON-THE-JOB TRAINING
21508	EMPL INTERVIEWERS--PRIV OR PUBLIC	10	50	40	400.0%	5	BACHELOR'S DEGREE
25102	SYSTEMS ANALYSTS--ELEC DATA PROC	80	120	40	50.0%	5	BACHELOR'S DEGREE
32505	LICENSED VOCATIONAL NURSES	270	310	40	14.8%	7	POST-SECONDARY VOCATIONAL EDUCATION
TOTAL OF THESE OCCUPATIONS		26,370	32,040	5,670	21.5%		

(1) Excludes not elsewhere classified (NEC) categories

(2) March 1998 Benchmark

Table 5
Occupations With The Fastest Job Growth (1)
1997 - 2004

NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1997(2)	2004				
43021	TRAVEL AGENTS	30	280	250	833.3%	7	POST-SECONDARY VOCATIONAL EDUCATION
27308	HUMAN SERVICES WORKERS	90	180	90	100.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	140	240	100	71.4%	5	BACHELOR'S DEGREE
68014	AMUSEMENT, RECREATION ATTENDANTS	240	410	170	70.8%	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	170	270	100	58.8%	11	SHORT-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	70	110	40	57.1%	10	MODERATE-TERM ON-THE-JOB TRAINING
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	240	370	130	54.2%	5	BACHELOR'S DEGREE
25102	SYSTEMS ANALYSTS--ELEC DATA PROC	80	120	40	50.0%	5	BACHELOR'S DEGREE
87402	PAINTERS, PAPERHANGERS--CONST	80	120	40	50.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
27302	SOCIAL WORKERS--MED, PSYCHIATRIC	110	160	50	45.5%	3	MASTER'S DEGREE
32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	70	100	30	42.9%	3	MASTER'S DEGREE
66005	MEDICAL ASSISTANTS	120	170	50	41.7%	10	MODERATE-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	400	560	160	40.0%	9	LONG-TERM ON-THE-JOB TRAINING
89132	SHEET METAL WORKERS	100	140	40	40.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TNDRS	230	320	90	39.1%	10	MODERATE-TERM ON-THE-JOB TRAINING
15017	CONSTRUCTION MANAGERS	80	110	30	37.5%	5	BACHELOR'S DEGREE
85702	TELEPHONE, CABLE TV INSTALLERS	80	110	30	37.5%	9	LONG-TERM ON-THE-JOB TRAINING
85723	ELECT POWERLINE INSTALLERS	80	110	30	37.5%	9	LONG-TERM ON-THE-JOB TRAINING
87808	ROOFERS	80	110	30	37.5%	10	MODERATE-TERM ON-THE-JOB TRAINING
22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	280	380	100	35.7%	5	BACHELOR'S DEGREE
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	120	160	40	33.3%	8	WORK EXPERIENCE
87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	120	160	40	33.3%	9	LONG-TERM ON-THE-JOB TRAINING
15011	PROPERTY AND REAL ESTATE MANAGERS	90	120	30	33.3%	5	BACHELOR'S DEGREE
85311	BUS AND TRUCK MECHANICS	90	120	30	33.3%	9	LONG-TERM ON-THE-JOB TRAINING
87708	PAVING, TAMPING-EQUIP OPERATORS	90	120	30	33.3%	10	MODERATE-TERM ON-THE-JOB TRAINING
93914	WELDERS AND CUTTERS	90	120	30	33.3%	7	POST-SECONDARY VOCATIONAL EDUCATION
63014	POLICE PATROL OFFICERS	280	370	90	32.1%	9	LONG-TERM ON-THE-JOB TRAINING
66011	HOME HEALTH CARE WORKERS	130	170	40	30.8%	11	SHORT-TERM ON-THE-JOB TRAINING
68038	CHILD CARE WORKERS	170	220	50	29.4%	11	SHORT-TERM ON-THE-JOB TRAINING
63017	CORRECTION OFFICERS, JAILERS	210	270	60	28.6%	9	LONG-TERM ON-THE-JOB TRAINING

Table 5
Occupations With The Fastest Job Growth (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1997(2)	2004				
49005	SALES REPS, SCIENTIFIC--EX RETAIL	140	180	40	28.6%	10	MODERATE-TERM ON-THE-JOB TRAINING
85110	MACHINERY MAINTENANCE MECHANICS	140	180	40	28.6%	9	LONG-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,ELECTRIC	250	320	70	28.0%	11	SHORT-TERM ON-THE-JOB TRAINING
66002	DENTAL ASSISTANTS	180	230	50	27.8%	10	MODERATE-TERM ON-THE-JOB TRAINING
87202	ELECTRICIANS	180	230	50	27.8%	9	LONG-TERM ON-THE-JOB TRAINING
79011	GRADERS, SORTERS--AG PRODUCTS	110	140	30	27.3%	11	SHORT-TERM ON-THE-JOB TRAINING
63032	SHERIFFS AND DEPUTY SHERIFFS	190	240	50	26.3%	9	LONG-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	270	340	70	25.9%	5	BACHELOR'S DEGREE
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	470	590	120	25.5%	11	SHORT-TERM ON-THE-JOB TRAINING
81008	FIRST-LINE SUP/MGR-PRODUCTION	160	200	40	25.0%	8	WORK EXPERIENCE
13011	MKTING, ADV, PUB-REL MANAGERS	120	150	30	25.0%	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
15008	MEDICINE, HEALTH SERVICES MGRS	120	150	30	25.0%	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
32508	EMERGENCY MEDICAL TECHNICIANS	120	150	30	25.0%	7	POST-SECONDARY VOCATIONAL EDUCATION
32908	DENTAL HYGIENISTS	120	150	30	25.0%	6	ASSOCIATE DEGREE
65021	BAKERS--BREAD AND PASTRY	120	150	30	25.0%	10	MODERATE-TERM ON-THE-JOB TRAINING
53123	ADJUSTMENT CLERKS	80	100	20	25.0%	11	SHORT-TERM ON-THE-JOB TRAINING
55321	FILE CLERKS	80	100	20	25.0%	11	SHORT-TERM ON-THE-JOB TRAINING
87311	CONCRETE AND TERRAZZO FINISHERS	80	100	20	25.0%	9	LONG-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	410	510	100	24.4%	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	1,110	1,380	270	24.3%	11	SHORT-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		8,610	11,790	3,180	36.9%		

(1) Excludes not elsewhere classified (NEC) categories and occupations of less than 100 in 2004.

(2) March 1998 Benchmark

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
1		TOTAL, ALL OCCUPATIONS	56,040	66,660	10,620	19.0	10,870		
2	10000	MGRS AND ADMIN OCCUPATIONS	3,230	3,760	530	16.4	440		
3	13002	FINANCIAL MANAGERS	240	270	30	12.5	30	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
4	13005	PERS, TRAINING, LABOR-REL MGRS	60	70	10	16.7	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
5	13008	PURCHASING MANAGERS	70	70	0	0.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
6	13011	MKTING, ADV, PUB-REL MANAGERS	120	150	30	25.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
7	13014	ADMINISTRATIVE SERVICES MANAGERS	150	170	20	13.3	20	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
8	13017	ENGINEER, MATH, AND NAT SCI MGRS	50	70	20	40.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
9	15002	POSTMASTERS, MAIL SUPERINTENDENTS	50	50	0	0.0	10	8	WORK EXPERIENCE
10	15005	EDUCATION ADMINISTRATORS	300	320	20	6.7	50	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
11	15008	MEDICINE, HEALTH SERVICES MGRS	120	150	30	25.0	20	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
12	15011	PROPERTY AND REAL ESTATE MANAGERS	90	120	30	33.3	10	5	BACHELOR'S DEGREE
13	15014	INDUSTRIAL PRODUCTION MANAGERS	70	80	10	14.3	10	5	BACHELOR'S DEGREE
14	15017	CONSTRUCTION MANAGERS	80	110	30	37.5	10	5	BACHELOR'S DEGREE
16	15023	COMM, TRANS, UTIL OPER MGRS	50	50	0	0.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
17	15026	FOOD SERVICE AND LODGING MANAGERS	160	180	20	12.5	20	8	WORK EXPERIENCE
20	19002	PUB ADMIN CHIEF EXECS, LEGISLATORS	60	60	0	0.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
21	19005	GENERAL MANAGERS, TOP EXECUTIVES	1,150	1,380	230	20.0	150	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
22	19999	MANAGERS AND ADMINISTRATORS, NEC	410	460	50	12.2	50	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
23	20000	PROFESSIONAL, PARAPROF, TECHNICAL	13,060	15,800	2,740	21.0	1,900		
24	21000	MANAGEMENT SUPPORT OCCUPATIONS	1,030	1,250	220	21.4	150		
25	21100	ACCOUNTANTS, AUDIT, FINANCE SPECS	380	480	100	26.3	50		

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
28	21108	LOAN OFFICERS AND COUNSELORS	60	70	10	16.7	10	5	BACHELOR'S DEGREE
30	21114	ACCOUNTANTS AND AUDITORS	270	340	70	25.9	30	5	BACHELOR'S DEGREE
32	21199	FINANCIAL SPECIALISTS, NEC	50	70	20	40.0	10	5	BACHELOR'S DEGREE
33	21300	PURCHASING AGENTS AND BUYERS	90	100	10	11.1	20		
34	21302	WHLE AND RET BUYERS--EX FARM PRODS	50	50	0	0.0	10	5	BACHELOR'S DEGREE
36	21308	PURCH AGTS--EX WHLE,RET,FARM PRODS	40	50	10	25.0	10	5	BACHELOR'S DEGREE
37	21500	PERS, TRAINING, LAB-REL SPECS	70	80	10	14.3	10		
41	21511	PERS, TRAINING, LAB-REL SPECS, NEC	70	80	10	14.3	10	5	BACHELOR'S DEGREE
42	21900	OTHER MANAGEMENT SUPPORT WORKERS	490	590	100	20.4	70		
43	21902	COST ESTIMATORS	50	70	20	40.0	10	8	WORK EXPERIENCE
44	21905	MANAGEMENT ANALYSTS	40	50	10	25.0	0	3	MASTER'S DEGREE
45	21908	CONST AND BUILDING INSPECTORS	60	60	0	0.0	10	8	WORK EXPERIENCE
46	21911	COMPL, ENFORCE INSPECT--EX CONST	150	180	30	20.0	20	8	WORK EXPERIENCE
48	21917	ASSESSORS	40	50	10	25.0	10	5	BACHELOR'S DEGREE
50	21999	MANAGEMENT SUPPORT WORKERS, NEC	150	180	30	20.0	20	5	BACHELOR'S DEGREE
51	22000	ENGINEERS, ARCHITECTS, SURVEYORS	590	760	170	28.8	100		
52	22100	ENGINEERS	370	500	130	35.1	60		
59	22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	280	380	100	35.7	40	5	BACHELOR'S DEGREE
61	22126	ELECT AND ELECTRONIC ENGINEERS	40	60	20	50.0	10	5	BACHELOR'S DEGREE
67	22199	ENGINEERS, NEC	50	60	10	20.0	10	5	BACHELOR'S DEGREE
73	22500	ENGINEERING, RELATED TECHNICIANS	220	260	40	18.2	40		
74	22502	CIVIL ENGINEERING TECHNICIANS	60	70	10	16.7	10	6	ASSOCIATE DEGREE
75	22505	ELECT, ELECTRONIC ENGINEERING TECHS	50	60	10	20.0	10	6	ASSOCIATE DEGREE
78	22514	DRAFTERS	60	80	20	33.3	10	7	POST-SECONDARY VOCATIONAL EDUCATION
81	22599	ENGINEERING, RELATED TECHS, NEC	50	50	0	0.0	10	6	ASSOCIATE DEGREE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
82	24000	NAT SCIENTISTS AND RELATED WORKERS	230	240	10	4.3	40		
89	24300	LIFE SCIENTISTS	140	160	20	14.3	20		
90	24302	FORESTERS, CONSERVATION SCIENTISTS	70	70	0	0.0	10	5	BACHELOR'S DEGREE
92	24308	BIOLOGICAL SCIENTISTS	70	90	20	28.6	10	2	DOCTORAL DEGREE
95	24500	PHYSICAL, LIFE SCIENCE TECHS	90	80	-10	-11.1	20		
96	24502	BIOLOGICAL, AGRI, FOOD TECHS	30	40	10	33.3	10	6	ASSOCIATE DEGREE
100	24599	PHYSICAL, LIFE SCIENCE TECHS, NEC	60	40	-20	-33.3	10	6	ASSOCIATE DEGREE
101	25000	COMPUTER, MATH, OPS RESRCH, RELATED	280	430	150	53.6	20		
102	25100	COMPUTER SCIENTISTS AND RELATED	280	430	150	53.6	20		
103	25102	SYSTEMS ANALYSTS--ELEC DATA PROC	80	120	40	50.0	0	5	BACHELOR'S DEGREE
105	25104	COMPUTER SUPPORT SPECIALISTS	140	240	100	71.4	10	5	BACHELOR'S DEGREE
106	25105	COMPUTER PROGRAMMERS	60	70	10	16.7	10	5	BACHELOR'S DEGREE
118	27000	SOCIAL SCI, RECREATION, RELIGIOUS	880	1,220	340	38.6	150		
119	27100	SOCIAL SCI--INCL URBAN, REG PLANNERS	110	120	10	9.1	20		
121	27105	URBAN AND REGIONAL PLANNERS	60	70	10	16.7	10	3	MASTER'S DEGREE
122	27108	PSYCHOLOGISTS	50	50	0	0.0	10	3	MASTER'S DEGREE
124	27300	OTH SOCIAL SCIENCE RELATED WORKERS	770	1,100	330	42.9	130		
125	27302	SOCIAL WORKERS--MED, PSYCHIATRIC	110	160	50	45.5	10	3	MASTER'S DEGREE
126	27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	240	370	130	54.2	30	5	BACHELOR'S DEGREE
127	27307	RESIDENTIAL COUNSELORS	170	200	30	17.6	30	5	BACHELOR'S DEGREE
128	27308	HUMAN SERVICES WORKERS	90	180	90	100.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
129	27311	RECREATION WORKERS	160	190	30	18.8	30	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
134	28000	LAW AND RELATED OCCUPATIONS	290	330	40	13.8	20		
135	28100	LAWYERS AND RELATED WORKERS	230	260	30	13.0	20		
136	28102	JUDGES AND MAGISTRATES	30	30	0	0.0	0	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
137	28105	ADJUDICATORS, JUDICIAL REVIEWERS	50	60	10	20.0	10	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
138	28108	LAWYERS	150	170	20	13.3	10	1	FIRST PROFESSIONAL DEGREE
139	28300	LEGAL ASSTS, TECHS, EX CLERICAL	60	70	10	16.7	0		
144	28399	LEGAL ASSTS, TECHS--EX CLER, NEC	60	70	10	16.7	0	6	ASSOCIATE DEGREE
145	31000	TEACHERS, EDUCATORS, LIBRARIANS	5,550	6,410	860	15.5	770		
146	31100	POSTSECONDARY TEACHERS	160	190	30	18.8	40		
174	31242	BUSINESS TEACHERS, POSTSECONDARY	30	40	10	33.3	10	2	DOCTORAL DEGREE
178	31252	EDUCATION TEACHERS, POSTSECONDARY	30	30	0	0.0	10	2	DOCTORAL DEGREE
183	31299	POSTSECONDARY TEACHERS, NEC	100	120	20	20.0	20	2	DOCTORAL DEGREE
184	31300	OTHER TEACHERS AND INSTRUCTORS	3,970	4,490	520	13.1	580		
185	31303	TEACHERS, PRESCHOOL	170	190	20	11.8	30	5	BACHELOR'S DEGREE
186	31304	TEACHERS, KINDERGARTEN	200	220	20	10.0	30	5	BACHELOR'S DEGREE
187	31305	TEACHERS--ELEMENTARY SCHOOL	1,650	1,780	130	7.9	260	5	BACHELOR'S DEGREE
188	31308	TEACHERS--SECONDARY SCHOOL	780	900	120	15.4	180	5	BACHELOR'S DEGREE
189	31311	TEACHERS--SPECIAL EDUCATION	390	480	90	23.1	20	5	BACHELOR'S DEGREE
190	31314	TEACHERS--VOC ED AND TRAINING	260	290	30	11.5	20	8	WORK EXPERIENCE
191	31317	INSTRUCTORS--NON-VOC EDUCATION	60	80	20	33.3	10	8	WORK EXPERIENCE
192	31321	INSTRUCTORS AND COACHES--SPORTS	280	340	60	21.4	20	10	MODERATE-TERM ON-THE-JOB TRAINING
194	31399	TEACHERS AND INSTRUCTORS, NEC	180	210	30	16.7	10	3	MASTER'S DEGREE
195	31500	LIBRARIANS, ARCHIVISTS AND RELATED	1,420	1,730	310	21.8	150		
196	31502	LIBRARIANS--PROFESSIONAL	40	50	10	25.0	10	3	MASTER'S DEGREE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
197	31505	TECHNICAL ASSISTANTS--LIBRARY	80	90	10	12.5	20	11	SHORT-TERM ON-THE-JOB TRAINING
200	31514	VOCATIONAL & EDUCATIONAL COUNSELOR	130	160	30	23.1	20	3	MASTER'S DEGREE
201	31517	INSTRUCTIONAL COORDINATORS	40	50	10	25.0	0	5	BACHELOR'S DEGREE
202	31521	TEACHER AIDES, PARAPROFESSIONAL	1,130	1,380	250	22.1	100	6	ASSOCIATE DEGREE
203	32000	HEALTH PRACTITIONERS, TECHS, RELATED	2,690	3,300	610	22.7	400		
204	32100	HEALTH DIAGNOSING, TREATING	250	300	50	20.0	40		
205	32102	PHYSICIANS AND SURGEONS	170	200	30	17.6	20	1	FIRST PROFESSIONAL DEGREE
206	32105	DENTISTS	50	60	10	20.0	10	1	FIRST PROFESSIONAL DEGREE
210	32114	VETS AND VETERINARY INSPECTORS	30	40	10	33.3	10	1	FIRST PROFESSIONAL DEGREE
212	32300	THERAPISTS	170	240	70	41.2	30		
213	32302	RESPIRATORY CARE PRACTITIONERS	50	80	30	60.0	10	6	ASSOCIATE DEGREE
215	32308	PHYSICAL THERAPISTS	50	60	10	20.0	10	5	BACHELOR'S DEGREE
217	32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	70	100	30	42.9	10	3	MASTER'S DEGREE
220	32500	HEALTH CARE MAINTENANCE, TREATING	1,600	1,940	340	21.2	210		
221	32502	REGISTERED NURSES	940	1,150	210	22.3	110	6	ASSOCIATE DEGREE
222	32505	LICENSED VOCATIONAL NURSES	270	310	40	14.8	40	7	POST-SECONDARY VOCATIONAL EDUCATION
223	32508	EMERGENCY MEDICAL TECHNICIANS	120	150	30	25.0	20	7	POST-SECONDARY VOCATIONAL EDUCATION
224	32511	PHYSICIAN'S ASSISTANTS	70	90	20	28.6	10	5	BACHELOR'S DEGREE
225	32514	OPTICIANS--DISPENSING, MEASURING	40	50	10	25.0	0	9	LONG-TERM ON-THE-JOB TRAINING
226	32517	PHARMACISTS	90	110	20	22.2	20	5	BACHELOR'S DEGREE
227	32518	PHARMACY TECHNICIANS	70	80	10	14.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
230	32900	OTHER HEALTH PROFS, PARAPROFS	670	820	150	22.4	120		
231	32902	MED, CLINICAL LAB TECHNOLOGISTS	60	70	10	16.7	10	5	BACHELOR'S DEGREE
232	32905	MED, CLINICAL LAB ASSISTANTS	60	70	10	16.7	10	6	ASSOCIATE DEGREE
233	32908	DENTAL HYGIENISTS	120	150	30	25.0	20	6	ASSOCIATE DEGREE
234	32911	MEDICAL RECORDS TECHNICIANS	50	60	10	20.0	10	6	ASSOCIATE DEGREE
237	32919	RADIOLOGIC TECHNOLOGISTS	70	90	20	28.6	10	6	ASSOCIATE DEGREE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
241	32928	SURGICAL TECHNICIANS	30	40	10	33.3	10	7	POST-SECONDARY VOCATIONAL EDUCATION
243	32951	VETERINARY TECHNICIANS	50	50	0	0.0	10	6	ASSOCIATE DEGREE
244	32999	HEALTH CARE PROFS, PARAPROFS, NEC	230	290	60	26.1	40	6	ASSOCIATE DEGREE
245	34000	WRITERS, ARTISTS, ENTER, ATHLETES	60	60	0	0.0	20		
246	34002	WRITERS AND EDITORS	30	30	0	0.0	10	5	BACHELOR'S DEGREE
249	34011	REPORTERS AND CORRESPONDENTS	30	30	0	0.0	10	5	BACHELOR'S DEGREE
266	39000	MISC PROFS, PARAPROFS, TECHNICAL	1,460	1,800	340	23.3	230		
272	39999	OTHER PROF, PARAPROF, TECHNICAL	1,460	1,800	340	23.3	230	5	BACHELOR'S DEGREE
273	40000	SALES AND RELATED OCCUPATIONS	7,080	8,590	1,510	21.3	1,800		
274	41000	FIRST-LINE SUP/MGR--SALES	760	930	170	22.4	70	8	WORK EXPERIENCE
275	43000	SALES AGENTS--SERVICE	250	570	320	128.0	60		
276	43002	SALES AGENTS, PLACERS--INSURANCE	60	70	10	16.7	10	9	LONG-TERM ON-THE-JOB TRAINING
277	43005	BROKERS--REAL ESTATE	40	50	10	25.0	10	8	WORK EXPERIENCE
281	43017	SALES AGENTS--SEL BUS SERVICES	70	110	40	57.1	10	10	MODERATE-TERM ON-THE-JOB TRAINING
282	43021	TRAVEL AGENTS	30	280	250	833.3	20	7	POST-SECONDARY VOCATIONAL EDUCATION
283	43023	SALES AGENTS--ADVERTISING	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
285	49000	MERCH, PRODUCTS AND OTHER SALES	6,070	7,090	1,020	16.8	1,670		
287	49005	SALES REPS, SCIENTIFIC--EX RETAIL	140	180	40	28.6	30	10	MODERATE-TERM ON-THE-JOB TRAINING
288	49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	480	560	80	16.7	90	10	MODERATE-TERM ON-THE-JOB TRAINING
289	49011	SALESPERSONS, RETAIL	1,920	2,270	350	18.2	520	11	SHORT-TERM ON-THE-JOB TRAINING
290	49014	SALESPERSONS--PARTS	180	190	10	5.6	40	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
291	49017	COUNTER AND RENTAL CLERKS	240	290	50	20.8	80	11	SHORT-TERM ON-THE-JOB TRAINING
292	49021	STOCK CLERKS--SALES FLOOR	680	710	30	4.4	70	11	SHORT-TERM ON-THE-JOB TRAINING
293	49023	CASHIERS	1,920	2,310	390	20.3	730	11	SHORT-TERM ON-THE-JOB TRAINING
294	49026	TELEMARKETERS, SOLICITORS & RELATED	130	160	30	23.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
295	49034	DEMONSTRATORS AND PROMOTERS	100	100	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
297	49999	SALES AND RELATED WORKERS, NEC	280	320	40	14.3	60	10	MODERATE-TERM ON-THE-JOB TRAINING
298	50000	CLERICAL, ADMINISTRATIVE SUPPORT	8,910	10,120	1,210	13.6	1,400		
299	51000	FIRST-LINE SUP/MGR, CLERL, ADM SUP	640	780	140	21.9	110	8	WORK EXPERIENCE
300	53000	INDUSTRY SPECIFIC CLERICAL, ADMIN	1,620	1,810	190	11.7	310		
301	53100	BANKING, SECURITY, FINANCE, CREDIT	550	610	60	10.9	140		
302	53102	TELLERS	350	370	20	5.7	120	11	SHORT-TERM ON-THE-JOB TRAINING
303	53105	NEW ACCOUNTS CLERKS	70	80	10	14.3	20	8	WORK EXPERIENCE
308	53121	LOAN AND CREDIT CLERKS	50	60	10	20.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
309	53123	ADJUSTMENT CLERKS	80	100	20	25.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
312	53300	INSURANCE WORKERS	100	120	20	20.0	20		
313	53302	INS ADJUST, EXAMIN, INVESTIGATORS	50	60	10	20.0	10	9	LONG-TERM ON-THE-JOB TRAINING
316	53311	INSURANCE CLAIMS CLERKS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
318	53500	INVESTIGATIVE, RELATED, EX INSUR	400	400	0	0.0	60		
319	53502	WELFARE ELIG WORKERS, INTERVIEWERS	340	330	-10	-2.9	50	10	MODERATE-TERM ON-THE-JOB TRAINING
321	53508	BILL AND ACCOUNT COLLECTORS	60	70	10	16.7	10	11	SHORT-TERM ON-THE-JOB TRAINING
322	53700	MUNICIPAL WORKERS	110	120	10	9.1	10		
323	53702	COURT CLERKS	110	120	10	9.1	10	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
326	53800	LODGING AND TRAVEL WORKERS	70	90	20	28.6	20		
329	53808	HOTEL DESK CLERKS	70	90	20	28.6	20	11	SHORT-TERM ON-THE-JOB TRAINING
330	53900	MISC INDUSTRY SPECIFIC CLERICAL	390	470	80	20.5	60		
331	53902	LIBRARY ASSTS & BOOKMOBILE DRIVERS	70	80	10	14.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
332	53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	320	390	70	21.9	30	11	SHORT-TERM ON-THE-JOB TRAINING
336	55000	SECRETARIAL, GENERAL OFFICE OCCS	4,570	5,180	610	13.3	700		
337	55100	SECRETARIES	1,100	1,180	80	7.3	120		
338	55102	SECRETARIES, LEGAL	110	120	10	9.1	10	7	POST-SECONDARY VOCATIONAL EDUCATION
339	55105	SECRETARIES, MEDICAL	80	90	10	12.5	10	7	POST-SECONDARY VOCATIONAL EDUCATION
340	55108	SECRETARIES, GENERAL	910	970	60	6.6	100	7	POST-SECONDARY VOCATIONAL EDUCATION
341	55300	MISC SECRETARIAL, GENL OFF OCCS	3,470	4,000	530	15.3	580		
342	55302	STENOGRAPHERS AND/OR COURT REPORTERS	40	50	10	25.0	10	7	POST-SECONDARY VOCATIONAL EDUCATION
343	55305	RECEPTIONISTS, INFORMATION CLERKS	480	590	110	22.9	70	11	SHORT-TERM ON-THE-JOB TRAINING
344	55307	TYPISTS, INCLUDING WORD PROCESSING	330	280	-50	-15.2	40	10	MODERATE-TERM ON-THE-JOB TRAINING
345	55314	PERS CLERKS--EX PAYROLL	30	40	10	33.3	0	11	SHORT-TERM ON-THE-JOB TRAINING
347	55321	FILE CLERKS	80	100	20	25.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
348	55323	ORDER CLERKS--MATERIALS, SERVICE	80	90	10	12.5	10	11	SHORT-TERM ON-THE-JOB TRAINING
349	55326	PROCUREMENT CLERKS	30	30	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
351	55332	INTERVIEW CLERKS--EX PERS, WELFARE	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
352	55335	CUSTOMER SERVICE REPS--UTILITIES	60	80	20	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
353	55338	BOOKKEEPING, ACCOUNTING CLERKS	1,000	1,090	90	9.0	130	10	MODERATE-TERM ON-THE-JOB TRAINING
354	55341	PAYROLL AND TIMEKEEPING CLERKS	60	60	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
355	55344	BILLING, COST, AND RATE CLERKS	130	160	30	23.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
356	55347	GENERAL OFFICE CLERKS	1,110	1,380	270	24.3	250	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
357	56000	EDP AND OFFICE MACHINE OCCUPATIONS	140	140	0	0.0	10		
358	56002	BILLING, POSTING, CALC MACHINE OPS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
361	56011	COMPUTER OPS--EX PERIPHERAL EQUIP	50	40	-10	-20.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
363	56017	DATA ENTRY KEYERS--EX COMPOSING	50	60	10	20.0	0	7	POST-SECONDARY VOCATIONAL EDUCATION
366	57000	COMMUNICATIONS, MAIL DISTRIBUTION	270	290	20	7.4	60		
367	57100	COMMUNICATION EQUIPMENT OPERATORS	60	60	0	0.0	10		
368	57102	SWITCHBOARD OPERATORS	60	60	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
373	57300	MAIL, MESSAGE DISTRIBUTION WORKERS	210	230	20	9.5	50		
375	57305	POSTAL MAIL CARRIERS	170	190	20	11.8	40	11	SHORT-TERM ON-THE-JOB TRAINING
377	57311	MESSENGERS	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
378	58000	MATERIAL RECORDING, DISPATCHING	1,110	1,230	120	10.8	140		
379	58002	DISPATCH--POLICE, FIRE, AMBULANCE	80	80	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
380	58005	DISPATCH--EX POLICE, FIRE, AMBUL	90	110	20	22.2	10	10	MODERATE-TERM ON-THE-JOB TRAINING
381	58008	PROD, PLANNING, EXPEDITING CLERKS	40	40	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
383	58014	METER READERS--UTILITIES	50	60	10	20.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
384	58017	WEIGHERS, MEASURERS--RECORDKEEPING	40	40	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
386	58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	310	360	50	16.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
387	58026	ORDER FILLERS--WHLE & RET SALES	80	90	10	12.5	10	11	SHORT-TERM ON-THE-JOB TRAINING
388	58028	TRAFFIC, SHIPPING, RECEIVING CLKS	390	420	30	7.7	50	11	SHORT-TERM ON-THE-JOB TRAINING
389	58099	MATERIAL RECORDING, RELATED, NEC	30	30	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
390	59000	CLERICAL, ADMIN SUPPORT, NEC	560	690	130	23.2	70	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
392	60000	SERVICE OCCUPATIONS	9,840	11,520	1,680	17.1	2,630		
393	61000	FIRST-LINE SUP/MGR--SERVICE	490	570	80	16.3	90		
394	61002	FIRE FIGHTING & PREVENTION SUPS	80	90	10	12.5	20	8	WORK EXPERIENCE
395	61005	POLICE AND DETECTIVE SUPERVISORS	70	80	10	14.3	10	8	WORK EXPERIENCE
396	61008	HOUSEKEEPING SUPERVISORS	30	40	10	33.3	10	8	WORK EXPERIENCE
397	61099	FIRST-LINE SUP/MGR SERV WKRS, NEC	310	360	50	16.1	50	8	WORK EXPERIENCE
398	63000	PROTECTIVE SERVICE OCCUPATIONS	1,220	1,560	340	27.9	270		
401	63008	FIRE FIGHTERS	220	230	10	4.5	40	9	LONG-TERM ON-THE-JOB TRAINING
403	63014	POLICE PATROL OFFICERS	280	370	90	32.1	60	9	LONG-TERM ON-THE-JOB TRAINING
404	63017	CORRECTION OFFICERS, JAILERS	210	270	60	28.6	50	9	LONG-TERM ON-THE-JOB TRAINING
409	63032	SHERIFFS AND DEPUTY SHERIFFS	190	240	50	26.3	10	9	LONG-TERM ON-THE-JOB TRAINING
413	63044	CROSSING GUARDS	80	80	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
414	63047	GUARDS AND WATCH GUARDS	170	270	100	58.8	40	11	SHORT-TERM ON-THE-JOB TRAINING
415	63099	PROTECTIVE SERVICE WORKERS, NEC	70	100	30	42.9	50	11	SHORT-TERM ON-THE-JOB TRAINING
416	65000	FOOD, BEV PREP AND SERVICE OCCS	4,700	5,100	400	8.5	1,720		
417	65002	HOSTS, HOSTESSES--RESTAURANTS	140	150	10	7.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
418	65005	BARTENDERS	190	190	0	0.0	60	11	SHORT-TERM ON-THE-JOB TRAINING
419	65008	WAITERS AND WAITRESSES	1,040	1,140	100	9.6	430	11	SHORT-TERM ON-THE-JOB TRAINING
421	65014	DINING RM ATTENDANTS, BAR HELPERS	220	230	10	4.5	60	11	SHORT-TERM ON-THE-JOB TRAINING
422	65017	COUNTER ATTENDANTS--FOOD	300	330	30	10.0	230	11	SHORT-TERM ON-THE-JOB TRAINING
423	65021	BAKERS--BREAD AND PASTRY	120	150	30	25.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
424	65023	BUTCHERS AND MEAT CUTTERS	130	130	0	0.0	20	9	LONG-TERM ON-THE-JOB TRAINING
425	65026	COOKS--RESTAURANT	400	440	40	10.0	90	9	LONG-TERM ON-THE-JOB TRAINING
426	65028	COOKS--INSTITUTION OR CAFETERIA	190	200	10	5.3	40	9	LONG-TERM ON-THE-JOB TRAINING
427	65032	COOKS--SPECIALTY FAST FOOD	270	290	20	7.4	60	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
428	65035	COOKS--SHORT ORDER	100	110	10	10.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
429	65038	FOOD PREPARATION WORKERS	660	700	40	6.1	270	11	SHORT-TERM ON-THE-JOB TRAINING
430	65041	COMBINED FOOD PREP AND SERVICE	850	920	70	8.2	350	11	SHORT-TERM ON-THE-JOB TRAINING
431	65099	FOOD SERVICE WORKERS, NEC	90	120	30	33.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
432	66000	HEALTH SERVICE, RELATED OCCS	1,010	1,300	290	28.7	140		
433	66002	DENTAL ASSISTANTS	180	230	50	27.8	20	10	MODERATE-TERM ON-THE-JOB TRAINING
434	66005	MEDICAL ASSISTANTS	120	170	50	41.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
435	66008	NURSE AIDES, ORDERLIES, ATTENDANTS	470	590	120	25.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
436	66011	HOME HEALTH CARE WORKERS	130	170	40	30.8	10	11	SHORT-TERM ON-THE-JOB TRAINING
438	66017	PHYSICAL THERAPY ASSISTANTS & AIDES	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
441	66026	PHARMACY AIDES	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
442	66099	HEALTH SERVICE WORKERS, NEC	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
443	67000	CLEANING, BLDING SERV EX PRIV HOUSE	1,450	1,680	230	15.9	230		
444	67002	MAIDS AND HOUSEKEEPING CLEANERS	410	510	100	24.4	60	11	SHORT-TERM ON-THE-JOB TRAINING
445	67005	JANITORS, CLEANERS--EXCEPT MAIDS	910	1,030	120	13.2	150	11	SHORT-TERM ON-THE-JOB TRAINING
448	67099	CLEANING, BLDING SERV--EX PH, NEC	130	140	10	7.7	20	11	SHORT-TERM ON-THE-JOB TRAINING
449	68000	MISC PERSONAL SERVICE OCCUPATIONS	620	870	250	40.3	100		
451	68005	HAIRDRESSERS, HAIRSTYLISTS	130	130	0	0.0	20	7	POST-SECONDARY VOCATIONAL EDUCATION
454	68014	AMUSEMENT, RECREATION ATTENDANTS	240	410	170	70.8	50	11	SHORT-TERM ON-THE-JOB TRAINING
456	68021	USHERS, LOBBY ATTENDANTS	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
461	68035	PERSONAL AND HOME CARE AIDES	40	60	20	50.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
462	68038	CHILD CARE WORKERS	170	220	50	29.4	10	11	SHORT-TERM ON-THE-JOB TRAINING
464	69000	MISC SERVICE WORKERS	350	440	90	25.7	80	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
466	70000	AGRICULTURAL, FORESTRY, FISHING	1,400	1,680	280	20.0	300		
467	72000	FIRST-LINE SUP/MGR--AG, FOR, FISH	90	100	10	11.1	10	8	WORK EXPERIENCE
469	73000	TIMBER CUTTING AND LOGGING	130	160	30	23.1	30		
470	73002	FALLERS AND BUCKERS	40	50	10	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
471	73005	CHOKE SETTERS	30	30	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
472	73008	LOG HANDLING EQUIPMENT OPERATORS	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
473	73011	LOGGING TRACTOR OPERATORS	30	40	10	33.3	0	10	MODERATE-TERM ON-THE-JOB TRAINING
475	79000	MISC AG, FORESTRY, FISHING	1,180	1,420	240	20.3	260		
476	79002	FOREST, CONSERVATION WORKERS	110	120	10	9.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
478	79011	GRADERS, SORTERS--AG PRODUCTS	110	140	30	27.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
481	79017	ANIMAL CARETAKERS--EXCEPT FARM	50	60	10	20.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
483	79033	PRUNERS	170	190	20	11.8	40	11	SHORT-TERM ON-THE-JOB TRAINING
485	79041	LABORERS, LANDSCAPING/GRNDSKEEPING	490	600	110	22.4	120	11	SHORT-TERM ON-THE-JOB TRAINING
486	79806	VETERINARY ASSISTANTS	40	50	10	25.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
489	79999	AG, FORESTRY, FISHING--NEC	210	260	50	23.8	50	11	SHORT-TERM ON-THE-JOB TRAINING
490	80000	PROD, CONST, OPER, MAT HANDLING	12,520	15,190	2,670	21.3	2,400		
491	81000	FIRST-LINE SUP/MGR-BLUE COLLAR	720	890	170	23.6	160		
492	81002	FIRST-LINE SUP/MGR-MECH, REPAIRERS	180	200	20	11.1	40	8	WORK EXPERIENCE
493	81005	FIRST-LINE SUP/MGR-CONSTRUCTION	120	160	40	33.3	30	8	WORK EXPERIENCE
494	81008	FIRST-LINE SUP/MGR-PRODUCTION	160	200	40	25.0	40	8	WORK EXPERIENCE
495	81011	FIRST-LINE SUP/MGR-TRANSPORTATION	50	60	10	20.0	10	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
496	81017	FIRST-LINE SUP/MGR-HELP, LABORERS	70	80	10	14.3	10	8	WORK EXPERIENCE
497	81099	FIRST-LINE SUP/MGR-BLUE COLLAR NEC	140	190	50	35.7	30	8	WORK EXPERIENCE
498	83000	INSPECTORS, RELATED OCCUPATIONS	190	210	20	10.5	40		
500	83005	PROD INSPECTORS, TESTERS, & GRADER	150	160	10	6.7	30	8	WORK EXPERIENCE
502	83099	INSPECTORS, TESTERS, RELATED, NEC	40	50	10	25.0	10	8	WORK EXPERIENCE
503	85000	MECHANICS, INSTALLERS, REPAIRERS	2,190	2,630	440	20.1	440		
504	85100	MACHINERY AND RELATED MECHANICS	990	1,180	190	19.2	180		
505	85110	MACHINERY MAINTENANCE MECHANICS	140	180	40	28.6	20	9	LONG-TERM ON-THE-JOB TRAINING
510	85118	MAINT MECHANICS--WATER, POWER	40	50	10	25.0	10	9	LONG-TERM ON-THE-JOB TRAINING
511	85119	MACHINERY MAINT MECHANICS, NEC	50	50	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
512	85123	MILLWRIGHTS	30	40	10	33.3	10	9	LONG-TERM ON-THE-JOB TRAINING
514	85128	MACHINERY MAINTENANCE WORKERS	40	50	10	25.0	10	9	LONG-TERM ON-THE-JOB TRAINING
515	85132	MAINT REPAIRERS, GENL UTILITY	690	810	120	17.4	120	9	LONG-TERM ON-THE-JOB TRAINING
516	85300	MOBILE EQUIP MECHANICS, REPAIRERS	800	940	140	17.5	170		
517	85302	AUTOMOTIVE MECHANICS	460	520	60	13.0	90	9	LONG-TERM ON-THE-JOB TRAINING
518	85305	AUTOMOTIVE BODY, RELATED REPAIRERS	80	90	10	12.5	20	9	LONG-TERM ON-THE-JOB TRAINING
520	85311	BUS AND TRUCK MECHANICS	90	120	30	33.3	20	9	LONG-TERM ON-THE-JOB TRAINING
521	85314	MOBILE HEAVY EQUIP MECH--EX ENGINE	100	110	10	10.0	20	9	LONG-TERM ON-THE-JOB TRAINING
523	85321	FARM EQUIPMENT MECHANICS	40	50	10	25.0	10	9	LONG-TERM ON-THE-JOB TRAINING
524	85323	AIRCRAFT MECHANICS	30	50	20	66.7	10	7	POST-SECONDARY VOCATIONAL EDUCATION
535	85700	OTHER ELECTRICAL EQUIP MECHANICS	160	220	60	37.5	40		
536	85702	TELEPHONE, CABLE TV INSTALLERS	80	110	30	37.5	20	9	LONG-TERM ON-THE-JOB TRAINING
543	85723	ELECT POWERLINE INSTALLERS	80	110	30	37.5	20	9	LONG-TERM ON-THE-JOB TRAINING
547	85900	MISC MECH, INSTALLERS, REPAIRERS	240	290	50	20.8	50		
548	85902	HEATING, AC, REFRIG MECHANICS	60	90	30	50.0	10	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
564	85953	TIRE REPAIRERS AND CHANGERS	80	90	10	12.5	30	11	SHORT-TERM ON-THE-JOB TRAINING
566	85999	MECHS, INSTALLERS, REPAIRERS, NEC	100	110	10	10.0	10	9	LONG-TERM ON-THE-JOB TRAINING
567	87000	CONSTRUCTION TRADES	1,360	1,810	450	33.1	250		
568	87100	CARPENTERS AND RELATED WORKERS	500	680	180	36.0	90		
569	87102	CARPENTERS	400	560	160	40.0	90	9	LONG-TERM ON-THE-JOB TRAINING
571	87108	DRYWALL INSTALLERS	40	50	10	25.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
572	87111	TAPERS	30	40	10	33.3	0	10	MODERATE-TERM ON-THE-JOB TRAINING
573	87114	LATHERS	30	30	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
575	87200	ELECTRICIANS AND RELATED WORKERS	180	230	50	27.8	30		
576	87202	ELECTRICIANS	180	230	50	27.8	30	9	LONG-TERM ON-THE-JOB TRAINING
577	87300	MASONS AND RELATED WORKERS	80	100	20	25.0	10		
581	87311	CONCRETE AND TERRAZZO FINISHERS	80	100	20	25.0	10	9	LONG-TERM ON-THE-JOB TRAINING
584	87400	PAINTERS AND RELATED WORKERS	80	120	40	50.0	20		
585	87402	PAINTERS, PAPERHANGERS--CONST	80	120	40	50.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
586	87500	PLUMBERS AND RELATED WORKERS	120	160	40	33.3	10		
587	87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	120	160	40	33.3	10	9	LONG-TERM ON-THE-JOB TRAINING
595	87700	SELECTED ROAD, RAIL AND RELATED	230	290	60	26.1	50		
598	87708	PAVING, TAMPING-EQUIP OPERATORS	90	120	30	33.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
599	87711	HIGHWAY MAINTENANCE WORKERS	140	170	30	21.4	30	11	SHORT-TERM ON-THE-JOB TRAINING
601	87800	CONSTRUCTION TRADES, NEC	110	160	50	45.5	30		
605	87808	ROOFERS	80	110	30	37.5	20	10	MODERATE-TERM ON-THE-JOB TRAINING
607	87814	STRUCTURAL METAL WORKERS	30	50	20	66.7	10	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
610	87900	EXTRACTIVE AND RELATED WORKERS	60	70	10	16.7	10		
624	87999	CONST, EXTRACTIVE--EX HELPERS, NEC	60	70	10	16.7	10	10	MODERATE-TERM ON-THE-JOB TRAINING
625	89000	PRODUCTION OCCUPATIONS, PRECISION	780	970	190	24.4	120		
626	89100	METAL WORKERS, PRECISION	190	250	60	31.6	30		
629	89108	MACHINISTS	90	110	20	22.2	10	9	LONG-TERM ON-THE-JOB TRAINING
637	89132	SHEET METAL WORKERS	100	140	40	40.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
640	89300	WOODWORKERS, PRECISION	70	80	10	14.3	0		
643	89308	WOOD MACHINISTS	40	40	0	0.0	0	9	LONG-TERM ON-THE-JOB TRAINING
644	89311	CABINETMAKERS AND BENCH CARPENTERS	30	40	10	33.3	0	9	LONG-TERM ON-THE-JOB TRAINING
675	89900	OTHER PRECISION WORKERS	520	640	120	23.1	90		
685	89999	WORKERS, PRECISION--NEC	520	640	120	23.1	90	9	LONG-TERM ON-THE-JOB TRAINING
686	91000	MACH SETTERS, SET-UP, OPS, TENDERS	840	1,020	180	21.4	170		
706	91700	METAL FABRICATING MACH SETTERS,OPS	60	70	10	16.7	20		
707	91702	WELDING MACH SETTERS, SET-UP OPS	30	30	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
708	91705	WELDING MACH OPERATORS AND TENDERS	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
712	91900	METAL, PLAST PROCESS MACH SETTERS	30	30	0	0.0	10		
714	91905	PLASTIC MOLDING, CASTING MACH OPS	30	30	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
730	92300	WOODWORKING MACH SETTERS, OPS	120	140	20	16.7	20		
733	92308	SAWING MACH OPS AND TENDERS	40	50	10	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
735	92314	WOODWORK MACH OPS,TNDRS--EX SAWING	80	90	10	12.5	10	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
750	92700	TEXTILE, RELATED SETTERS, OPS	50	60	10	20.0	10		
759	92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	50	60	10	20.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
761	92900	MACH SETTER,SET-UP,OP--EX MET,PLASTIC	580	720	140	24.1	110		
768	92921	ROASTING, BAKING MACH OPS--FOOD	90	90	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
776	92944	CUTTING, SLICING MACH OPS, TNDRS	30	30	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
782	92962	SEPARATING, STILL MACH OPS, TNDRS	80	90	10	12.5	10	10	MODERATE-TERM ON-THE-JOB TRAINING
783	92965	CRUSHING, MIXING MACH OPS, TNDRS	60	60	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
786	92974	PACKAGING, FILLING MACH OPS, TNDRS	230	320	90	39.1	50	10	MODERATE-TERM ON-THE-JOB TRAINING
788	92998	MACHINE OPERATORS AND TENDERS, NEC	90	130	40	44.4	10	10	MODERATE-TERM ON-THE-JOB TRAINING
789	93000	ASSEMBLERS AND FABRICATORS--HAND	790	940	150	19.0	150		
798	93900	OTHER HAND WORKERS	790	940	150	19.0	150		
803	93914	WELDERS AND CUTTERS	90	120	30	33.3	20	7	POST-SECONDARY VOCATIONAL EDUCATION
810	93935	CANNERY WORKERS	280	290	10	3.6	50	11	SHORT-TERM ON-THE-JOB TRAINING
817	93956	ASSEMB, FABRICATORS--EX MACH, ELECTRIC	250	320	70	28.0	40	11	SHORT-TERM ON-THE-JOB TRAINING
818	93999	HAND WORKERS, NEC	170	210	40	23.5	40	11	SHORT-TERM ON-THE-JOB TRAINING
819	95000	PLANT AND SYSTEM OCCUPATIONS	220	230	10	4.5	40		
820	95002	WATER TREATMENT PLANT OPERATORS	160	170	10	6.3	30	9	LONG-TERM ON-THE-JOB TRAINING
831	95099	PLANT AND SYSTEM OPERATORS, NEC	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
832	97000	TRANS, MATERIAL MOVING MACHINE OPS	2,470	2,880	410	16.6	320		
833	97100	MOTOR VEHICLE OPERATORS	1,820	2,130	310	17.0	210		
834	97102	TRUCK DRIVERS, HEAVY	650	770	120	18.5	70	11	SHORT-TERM ON-THE-JOB TRAINING
835	97105	TRUCK DRIVERS, LIGHT	710	850	140	19.7	80	11	SHORT-TERM ON-THE-JOB TRAINING
836	97108	BUS DRIVERS	60	80	20	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
837	97111	BUS DRIVERS--SCHOOL	220	240	20	9.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
838	97114	TAXI DRIVERS AND CHAUFFEURS	30	30	0	0.0	0	11	SHORT-TERM ON-THE-JOB TRAINING
839	97117	DRIVER/SALES WORKERS	90	100	10	11.1	10	11	SHORT-TERM ON-THE-JOB TRAINING
840	97199	MOTOR VEHICLE OPERATORS, NEC	60	60	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
859	97800	MISC TRANSPORTATION WORKERS	140	140	0	0.0	40		
861	97805	SERVICE STATION ATTENDANTS	110	110	0	0.0	40	11	SHORT-TERM ON-THE-JOB TRAINING
863	97899	TRANS AND RELATED WORKERS, NEC	30	30	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
864	97900	MATERIAL MOVEMENT EQUIP OPERATORS	510	610	100	19.6	70		
872	97923	EXCAVATING, LOADING MACHINE OPS	30	40	10	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
877	97938	GRADER, DOZER, SCRAPER OPERATORS	40	50	10	25.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
880	97947	INDUSTRIAL TRUCK,TRACTOR OPERATORS	200	240	40	20.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
883	97956	OPERATING ENGINEERS	70	90	20	28.6	10	10	MODERATE-TERM ON-THE-JOB TRAINING
884	97989	MATERIAL MOVING EQUIP OPS, NEC	110	130	20	18.2	20	10	MODERATE-TERM ON-THE-JOB TRAINING
885	97999	TRANS, MAT MOVING EQUIP OPS, NEC	60	60	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
886	98000	HELPERS, LABORERS, HAND--EX AG	2,960	3,610	650	22.0	710		
887	98100	MECHANIC AND REPAIRER HELPERS	100	120	20	20.0	40		
888	98102	MECHANIC AND REPAIRER HELPERS, NEC	100	120	20	20.0	40	11	SHORT-TERM ON-THE-JOB TRAINING
889	98300	CONST TRADES, EXTRACTIVE--HELPERS	260	350	90	34.6	100		
891	98312	HELPERS--CARPENTERS AND RELATED	60	80	20	33.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
892	98313	HELPERS--ELECT, POWERLINE INSTALL	30	40	10	33.3	10	11	SHORT-TERM ON-THE-JOB TRAINING
894	98315	HELPERS--PLUMBERS AND RELATED	60	90	30	50.0	30	11	SHORT-TERM ON-THE-JOB TRAINING
895	98316	HELPERS--ROOFERS	30	30	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
896	98319	HELPERS--CONSTRUCTION TRADES, NEC	80	110	30	37.5	30	11	SHORT-TERM ON-THE-JOB TRAINING
898	98500	MACHINE FEEDERS AND OFFBEARERS	160	180	20	12.5	40		
899	98502	MACHINE FEEDERS AND OFFBEARERS,NEC	160	180	20	12.5	40	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1997(2)	2004					
900	98700	FREIGHT, STOCK, MAT MOVERS, HAND	200	220	20	10.0	60		SHORT-TERM ON-THE-JOB TRAINING
903	98799	FREIGHT, MATERIAL MOVERS-HAND, NEC	200	220	20	10.0	60	11	
904	98900	MISC HELPERS, LABORERS--HAND	2,240	2,740	500	22.3	470		SHORT-TERM ON-THE-JOB TRAINING
905	98902	HAND PACKERS AND PACKAGERS	540	640	100	18.5	100	11	
906	98905	VEHICLE WASHERS, EQUIP CLEANERS	150	170	20	13.3	40	11	SHORT-TERM ON-THE-JOB TRAINING
907	98999	MISC HELPERS, LABORERS--HAND, NEC	1,550	1,930	380	24.5	330	11	SHORT-TERM ON-THE-JOB TRAINING

(1) Employment and projections contained in these tables are considered estimates. See introduction for an explanation of data limitations.

(2) March 1998 Benchmark

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1997- 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
49023	CASHIERS	1,120	11	SHORT-TERM ON-THE-JOB TRAINING
49011	SALESPERSONS, RETAIL	870	11	SHORT-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	530	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	520	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	420	11	SHORT-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	390	5	BACHELOR'S DEGREE
19005	GENERAL MANAGERS, TOP EXECUTIVE	380	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
31521	TEACHER AIDES, PARAPROFESSIONAL	350	6	ASSOCIATE DEGREE
32502	REGISTERED NURSES	320	6	ASSOCIATE DEGREE
65038	FOOD PREPARATION WORKERS	310	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	300	5	BACHELOR'S DEGREE
43021	TRAVEL AGENTS	270	7	POST-SECONDARY VOCATIONAL EDUCATION
67005	JANITORS, CLEANERS--EXCEPT MAIDS	270	11	SHORT-TERM ON-THE-JOB TRAINING
65017	COUNTER ATTENDANTS--FOOD	260	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	250	9	LONG-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	240	9	LONG-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GRNDSKEEPING	230	11	SHORT-TERM ON-THE-JOB TRAINING
55338	BOOKKEEPING, ACCOUNTING CLERKS	220	10	MODERATE-TERM ON-THE-JOB TRAINING
68014	AMUSEMENT, RECREATION ATTENDANT	220	11	SHORT-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	220	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	200	11	SHORT-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	190	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	180	11	SHORT-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	170	10	MODERATE-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	170	11	SHORT-TERM ON-THE-JOB TRAINING
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	160	5	BACHELOR'S DEGREE
55108	SECRETARIES, GENERAL	160	7	POST-SECONDARY VOCATIONAL EDUCATION
67002	MAIDS AND HOUSEKEEPING CLEANERS	160	11	SHORT-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	150	9	LONG-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	150	9	LONG-TERM ON-THE-JOB TRAINING

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1997- 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	140	5	BACHELOR'S DEGREE
53102	TELLERS	140	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	140	11	SHORT-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TNDRS	140	10	MODERATE-TERM ON-THE-JOB TRAINING
49017	COUNTER AND RENTAL CLERKS	130	11	SHORT-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	130	9	LONG-TERM ON-THE-JOB TRAINING
27308	HUMAN SERVICES WORKERS	120	10	MODERATE-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	110	5	BACHELOR'S DEGREE
31311	TEACHERS--SPECIAL EDUCATION	110	5	BACHELOR'S DEGREE
63017	CORRECTION OFFICERS, JAILERS	110	9	LONG-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH, ELECTRIC	110	11	SHORT-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	100	5	BACHELOR'S DEGREE
49021	STOCK CLERKS--SALES FLOOR	100	11	SHORT-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	100	11	SHORT-TERM ON-THE-JOB TRAINING
31321	INSTRUCTORS AND COACHES--SPORTS	80	10	MODERATE-TERM ON-THE-JOB TRAINING
32505	LICENSED VOCATIONAL NURSES	80	7	POST-SECONDARY VOCATIONAL EDUCATION
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	80	11	SHORT-TERM ON-THE-JOB TRAINING
58028	TRAFFIC, SHIPPING, RECEIVING CLERKS	80	11	SHORT-TERM ON-THE-JOB TRAINING
65032	COOKS--SPECIALTY FAST FOOD	80	11	SHORT-TERM ON-THE-JOB TRAINING
66006	MEDICAL ASSISTANTS	80	10	MODERATE-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		11,540		

(1) Excludes not elsewhere classified (NEC) categories.

Table 8
Occupations With Projected Declines (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1997 (2)	2004				
55307	TYPISTS, INCLUDING WORD PROCESSORS	330	280	-50	40	10	MODERATE-TERM ON-THE-JOB TRAINING
53502	WELFARE ELIG WORKERS, INTERVIEWERS	340	330	-10	50	10	MODERATE-TERM ON-THE-JOB TRAINING
56011	COMPUTER OPS--EX PERIPHERAL EQUIP	50	40	-10	0	10	MODERATE-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		720	650	-70	90		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 1998 Benchmark

Appendix

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ABLE SEAMEN	854	97514
ACCOUNTANTS AND AUDITORS	30	21114
ACCOUNTANTS, AUDIT, FINANCE SPECIALISTS	25	21100
ACTUARIES	114	25313
ADJUDICATORS, JUDICIAL REVIEWERS	137	28105
ADJUSTMENT CLERKS	309	53123
ADMINISTRATIVE SERVICES MANAGERS	7	13014
ADVERTISING CLERKS	333	53908
AERONAUT, ASTRONAUTICAL ENGINEERS	53	22102
AGRICULTURE, FORESTRY, FISHING-NEC	489	79999
AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY	150	31201
AGRICULTURAL AND FOOD SCIENTISTS	91	24305
AGRICULTURAL ENGINEERS	60	22123
AGRICULTURAL, FORESTRY, FISHING	466	70000
AIR DISPATCHERS, AIR TRAFFIC CONTROLLER	267	39002
AIR HAMMER OPERATORS	596	87702
AIR TRANSPORTATION WORKERS	857	97700
AIRCRAFT ASSEMBLERS-PRECISION	791	93102
AIRCRAFT ENGINE SPECIALISTS	525	85326
AIRCRAFT MECHANICS	524	85323
AIRCRAFT PILOTS, FLIGHT ENGINEERS	858	97702
AMBULANCE DRIVERS & ATTENDANTS, EX EMER MED TECHS	440	66023
AMUSEMENT, RECREATION ATTENDANTS	454	68014
ANIMAL BREEDERS	479	79015
ANIMAL CARETAKERS-EXCEPT FARM	481	79017
ANIMAL TRAINERS	480	79016
ANNOUNCERS-EX RADIO, TELEVISION	252	34021
ANNOUNCERS-RADIO AND TELEVISION	251	34017
ANTHRO & SOCIOLOGY TEACHERS, POSTSECONDARY	166	31231
APPRAISERS-REAL ESTATE	279	43011
ARCHITECTS AND SURVEYORS	68	22300
ARCHITECTS-EX LANDSCAPE, MARINE	69	22302
ARCHITECTURE TEACHERS, POSTSECONDARY	162	31223
AREA,ETHNIC,&CULT STUDIES TEACHERS, POSTSECONDARY	167	31232
ART, DRAMA, MUSIC TEACHERS, POSTSEONDARY	160	31218
ARTISTS AND RELATED WORKERS	257	34035
ASSEMB, FABRICATORS-EX MACH, ELECT, PRECISION	817	93956
ASSEMBLERS AND FABRICATORS-HAND WORKING	789	93000
ASSEMBLERS, NEC-PRECISION	797	93197
ASSEMBLERS, PRECISION	790	93100
ASSESSORS	48	21917
ATHLETES, COACHES, UMPIRERS, RELATED	265	34058
ATMOSPHERIC AND SPACE SCIENTISTS	86	24108
AUDIO-VISUAL SPECIALISTS	198	31508
AUTOMOTIVE BODY, RELATED REPAIRERS	518	85305
AUTOMOTIVE MECHANICS	517	85302
AUXILIARY EQUIPMENT OPERATORS-POWER	827	95023
BAGGAGE PORTERS AND BELLHOPS	457	68023
BAILIFFS	406	63023
BAKERS-BREAD AND PASTRY	423	65021

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BAKERS--MANUFACTURING	672	89805
BANKING, SECURITY, FINANCE, CREDIT	301	53100
BARBERS	450	68002
BARTENDERS	418	65005
BICYCLE REPAIRERS	563	85951
BILL AND ACCOUNT COLLECTORS	321	53508
BILLING, COST, AND RATE CLERKS	355	55344
BILLING, POSTING, CALCULATING MACHINE OPERATORS	358	56002
BINDERY MACH SETTERS, SET-UP OPERATORS	743	92525
BINDERY MACHINE OPERATORS	748	92546
BIOLOGICAL SCIENTISTS	92	24308
BIOLOGICAL, AGRICULTURAL &, FOOD TECHS EX HEALTH	96	24502
BLASTERS AND EXPLOSIVES WORKERS	612	87905
BOILER OPS, TENDERS--LOW PRESSURE	770	92926
BOILERMAKERS	638	89135
BOOKBINDERS	668	89721
BOOKKEEPING, ACCOUNTING CLERKS	353	55338
BRATTICE BUILDERS	574	87121
BRICK MASONS	578	87302
BRIDGE, LOCK, LIGHTHOUSE TENDERS	860	97802
BROADCAST NEWS ANALYSTS	250	34014
BROADCAST TECHNICIANS	255	34028
BROKERAGE CLERKS	311	53128
BROKERS--REAL ESTATE	277	43005
BUDGET ANALYSTS	31	21117
BUS AND TRUCK MECHANICS	520	85311
BUS DRIVERS	836	97108
BUS DRIVERS--SCHOOL	837	97111
BUSINESS TEACHERS, POSTSECONDARY	174	31242
BUTCHERS AND MEAT CUTTERS	424	65023
CABINETMAKERS AND BENCH CARPENTERS	644	89311
CAMERA OPERATORS	663	89713
CAMERA OPS--TV AND MOTION PICTURE	254	34026
CAMERA, PHOTOGRAPHIC EQUIPMENT REPAIRERS	552	85914
CANNERY WORKERS	810	93935
CAPTAINS--WATER VESSEL	850	97502
CARDIOLOGY TECHNOLOGISTS	239	32925
CARPENTERS	569	87102
CARPENTERS AND RELATED WORKERS	568	87100
CARPET CUTTERS, DIAGRAMMERS, SEAMERS	809	93932
CARPET INSTALLERS	592	87602
CARPET, FLOOR INSTALLERS	591	87600
CASHIERS	293	49023
CEILING TILE INSTALLERS	570	87105
CEMENTING, GLUING MACHINE OPERATORS, TENDERS	780	92956
CENTRAL OFFICE AND PBX INSTALLERS	529	85502
CENTRAL OFFICE OPERATORS	370	57108
CHEMICAL TECHNICIANS & TECHNOLOGISTS--EX HEALTH	97	24505
CHEMICAL ENGINEERS	57	22114
CHEMICAL EQUIPMENT CONTROLLERS, OPERATORS	773	92935

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
CHEMICAL EQUIPMENT TENDERS	774	92938
CHEMICAL PLANT, SYSTEM OPERATORS	822	95008
CHEMISTRY TEACHERS, POSTSECONDARY	152	31204
CHEMISTS, EXCEPT BIOCHEMISTS	85	24105
CHILD CARE WORKERS	462	68038
CHIROPRACTORS	209	32113
CHOKE SETTERS	471	73005
CIVIL ENGINEERING TECHNICIANS	74	22502
CIVIL ENGINEERS--INCLUDING TRAFFIC	59	22121
CLAIMS EXAMINERS--INSURANCE	49	21921
CLAIMS TAKERS--UNEMPLOYMENT BENEFITS	38	21502
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES	443	67000
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES, NEC	448	67099
CLEANING, PICKLING EQUIPMENT OPERATORS, TENDERS	781	92958
CLERGY	131	27502
CLERICAL & ADMINISTRATIVE SUPPORT WORKERS, NEC	391	59999
CLERICAL, ADMINISTRATIVE SUPPORT, NEC	390	59000
CLERICAL, ADMINISTRATIVE SUPPORT	298	50000
COIL WINDERS, TAPERS, FINISHERS	801	93908
COIN, VENDING MACHINE SERVICERS	562	85947
COMB MACHINE TOOL OPERATORS--METAL, PLASTIC	705	91508
COMB MACHINE TOOL SETTERS--METAL, PLASTIC	704	91505
COMBINED FOOD PREPARATION AND SERVICE	430	65041
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIRERS	528	85500
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIR, NEC	534	85599
COMM, TRANSPORTATION, UTILITIES OPERATIONS MGRS	16	15023
COMMUNICATION EQUIPMENT OPERATORS, NEC	372	57199
COMMUNICATION EQUIPMENT OPERATORS	367	57100
COMMUNICATIONS TEACHERS, POSTSECONDARY	157	31213
COMMUNICATIONS, MAIL DISTRIBUTION	366	57000
COMPLIANCE OFFICERS, ENFORCE INSPECT--EX CONSTRUCTION	46	21911
COMPUTER ENGINEERS	62	22127
COMPUTER OPERATORS--EX PERIPHERAL EQUIPMENT	361	56011
COMPUTER PROGRAMMER AIDES	107	25108
COMPUTER PROGRAMMERS	106	25105
COMPUTER SCIENCE TEACHERS, POSTSECONDARY	164	31226
COMPUTER SCIENTISTS AND RELATED	102	25100
COMPUTER SCIENTISTS, RELATED WORKERS, NEC	109	25199
COMPUTER SUPPORT SPECIALISTS	105	25104
COMPUTER, MATHEMATICAL, OPS RESEARCH, & RELATED	101	25000
CONCRETE AND TERRAZZO FINISHERS	581	87311
CONSTRUCTION AND BUILDING INSPECTORS	45	21908
CONSTRUCTION TRADES, EXTRACTIVE--HELPERS	889	98300
CONSTRUCTION, EXTRACTIVE--EX HELPERS, NEC	624	87999
CONSTRUCTION MANAGERS	14	15017
CONSTRUCTION TRADES	567	87000
CONSTRUCTION TRADES WORKERS, NEC	609	87899
CONSTRUCTION TRADES, NEC	601	87800
CONTINUOUS MINING MACHINE OPERATOR	620	87941
CONVEYOR OPERATORS AND TENDERS	881	97951

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
COOKING MACHINE OPS,TENDERS-FOOD,TOBACCO	767	92917
COOKS--INSTITUTION OR CAFETERIA	426	65028
COOKS--RESTAURANT	425	65026
COOKS--SHORT ORDER	428	65035
COOKS--SPECIALTY FAST FOOD	427	65032
COOLING, FREEZING EQUIPMENT OPERATORS, TENDERS	771	92928
CORRECTION OFFICERS, JAILERS	404	63017
CORRECTIVE, MANUAL ARTS THERAPISTS	216	32311
CORRESPONDENCE CLERKS	346	55317
COST ESTIMATORS	43	21902
COUNTER AND RENTAL CLERKS	291	49017
COUNTER ATTENDANTS--FOOD	422	65017
COURT CLERKS	323	53702
CRANE AND TOWER OPERATORS	879	97944
CREDIT ANALYSTS	27	21105
CREDIT AUTHORIZERS	306	53114
CREDIT CHECKERS	307	53117
CRIMINAL INVESTIGATORS, FEDERAL	408	63028
CRIMINAL JUSTICE & LAW ENFORCEMENT TEACHERS,	176	31246
CROSSING GUARDS	413	63044
CRUSHING, MIXING MACHINE OPERATORS, TENDERS	783	92965
CURATORS, ARCHIVISTS, AND RELATED	199	31511
CUSTOM TAILORS AND SEWERS	649	89505
CUSTOMER SERVICE REPRESENTATIVES--UTILITIES	352	55335
CUTTING, FORMING, FABRICATING, PROCESS MACH SETTER	728	92197
CUTTING, FORMING, FABRICATING, PROCESS MACH OPS	729	92198
CUTTING & SLICING MACHINE SETTERS & SET-UP OPS	775	92941
CUTTERS AND TRIMMERS--HAND	807	93926
CUTTING & SLICING MACHINE OPERATORS & TENDERS	776	92944
DAIRY PROCESSING EQUIPMENT OPERATORS--INC SETTERS	772	92932
DANCERS AND CHOREOGRAPHERS	263	34053
DATA BASE ADMINISTRATORS	104	25103
DATA ENTRY KEYERS--EX COMPOSING	363	56017
DATA KEYERS--COMPOSING	364	56021
DATA PROCESSING EQUIPMENT REPAIRERS	537	85705
DEMONSTRATORS AND PROMOTERS	295	49034
DENTAL ASSISTANTS	433	66002
DENTAL HYGIENISTS	233	32908
DENTAL LABORATORY TECHNICIANS, PRECISION	682	89921
DENTISTS	206	32105
DERRICK OPERATORS--OIL, GAS EXTRACTION	615	87914
DESIGNERS, EX INTERIOR DESIGNERS	258	34038
DETAIL DESIGN DECORATORS, PAINTERS	679	89911
DETECTIVES, INVESTIGATORS--EX PUBLIC	410	63035
DIETETIC TECHNICIANS	229	32523
DIETITIANS AND NUTRITIONISTS	228	32521
DINING ROOM ATTENDANTS, BAR HELPERS	421	65014
DIRECTORS--RELIGIOUS ACTIVITIES, EDUC	132	27505
DIRECTORY ASSISTANCE OPERATORS	369	57105
DISPATCH--EX POLICE, FIRE, AMBULANCE	380	58005

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
DISPATCH--POLICE, FIRE, AMBULANCE	379	58002
DRAFTERS	78	22514
DRAGLINE OPERATORS	873	97926
DREDGE OPERATORS, DIPPER TENDERS	874	97928
DRILLING MACHINE SETTER--METAL, PLASTIC	690	91108
DRIVER/SALES WORKERS	839	97117
DRYWALL INSTALLERS	571	87108
DUPLICATING MACHINE OPERATORS	359	56005
DYERS, PRECISION	654	89521
EARTH DRILLERS, EXCEPT OIL AND GAS	611	87902
ECONOMICS TEACHERS, POSTSECONDARY	168	31233
ECONOMISTS--INCL MARKET RESEARCH ANALYST	120	27102
EDP AND OFFICE MACHINE OCCUPATIONS	357	56000
EDUCATION ADMINISTRATORS	10	15005
EDUCATION TEACHERS, POSTSECONDARY	178	31252
ELECTRICAL INSTALLERS--TRANSPORTATION EQUIPMENT	545	85728
ELECTRICAL AND ELECTRONIC ENGINEERS	61	22126
ELECTRICAL EQUIPMENT MECHANICS, NEC	546	85799
ELECTRIC HOME APPLIANCE & POWER TOOL REPAIRERS	539	85711
ELECTRONIC HOME ENTERTAINMENT EQUIP REPAIRERS	538	85708
ELECTRIC METER INSTALLERS, REPAIRERS	551	85911
ELECTRIC MOTOR, AND RELATED REPAIRERS	540	85714
ELECTRICAL POWERLINE INSTALLERS	543	85723
ELECTRONICS REPAIRERS--COMMERCIAL & INDUSTRIAL	541	85717
ELECTRICAL & ELECTRONIC ENGINEERING TECHS & TECHNOS	75	22505
ELECTRICAL EQUIPMENT ASSEMBLERS--PRECISION	795	93114
ELECTRICAL, ELECTRONIC ASSEMBLERS	800	93905
ELECTRICIANS	576	87202
ELECTRICIANS AND RELATED WORKERS	575	87200
ELECTROCARDIOGRAPH TECHNICIANS	240	32926
ELECTROLYTIC PLATING, MACHINE OPERATORS	719	91921
ELECTROLYTIC PLATING, MACHINE SETTER	718	91917
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS--PRECISION	794	93111
ELECTROMEDICAL, BIOMEDICAL EQUIPMENT REPAIRER	550	85908
ELECTRONEURODIAGNOSTIC TECHNOLOGISTS	238	32923
ELECTRONIC PAGINATION SYSTEM WORKERS	660	89707
ELECTRONIC SEMICONDUCTOR PROCESSOR	762	92902
ELEVATOR INSTALLERS AND REPAIRERS	558	85932
ELEVATOR OPERATORS	447	67011
EMBALMERS	271	39014
EMERGENCY MEDICAL TECHNICIANS	223	32508
EMPLOYMENT INTERVIEWERS--PRIVATE OR PUBLIC	40	21508
ENGINEER, MATH, AND NATURAL SCIENCE MANAGERS	8	13017
ENGINEERING TEACHERS, POSTSECONDARY	161	31222
ENGINEERING, RELATED TECHNICIANS	73	22500
ENGINEERING, RELATED TECHS & TECHNOS, NEC	81	22599
ENGINEERS	52	22100
ENGINEERS, ARCHITECTS, SURVEYORS	51	22000
ENGINEERS, NEC	67	22199
ENGLISH LANG & LIT TEACHERS, POSTSECONDARY	158	31214

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ENGRAVING, PRINTING WORKERS--HAND	815	93951
ESTIMATORS, DRAFTERS--UTILITIES	79	22517
ETCHERS, ENGRAVERS--PRECISION	636	89128
EXCAVATING, LOADING MACHINE OPERATORS	872	97923
EXTRACTIVE AND RELATED WORKERS	610	87900
EXTRACTIVE WORKERS--EX HELPERS, NEC	623	87989
EXTRUDING MACHINE OPS, TENDERS--SYNTHETIC/GLASS	753	92708
EXTRUDING MACHINE SETTERS--METAL, PLASTIC	698	91311
EXTRUDING, FORMING MACHINE OPERATORS, TENDERS	785	92971
EXTRUDING, FORMING, SETTERS & SET-UP OPERATORS	784	92968
FALLERS AND BUCKERS	470	73002
FARM AND HOME MANAGEMENT ADVISORS	193	31323
FARM EQUIPMENT MECHANICS	523	85321
FARM EQUIPMENT OPERATORS	482	79021
FARMWORKERS-FARM/RANCH ANIMALS	488	79858
FARMWORKERS-FOOD, FIBER CROPS	487	79856
FENCE ERECTORS	608	87817
FILE CLERKS	347	55321
FILM EDITORS	256	34032
FINANCIAL ANALYSTS, STATISTICAL	115	25315
FINANCIAL MANAGERS	3	13002
FINANCIAL SPECIALISTS, NEC	32	21199
FIRE FIGHTERS	401	63008
FIRE FIGHTING & PREVENTION SUPERVISORS	394	61002
FIRE INSPECTORS	399	63002
FIRST-LINE SUP/MGR SERVICE WORKERS, NEC	397	61099
FIRST-LINE SUP/MGR, CLERICAL, ADMINISTRATIVE SUPPORT	299	51000
FIRST-LINE SUP/MGR--AGRICULTURAL, FORESTRY, FISHING	467	72000
FIRST-LINE SUP/MGR-BLUE COLLAR	491	81000
FIRST-LINE SUP/MGR-BLUE COLLAR NEC	497	81099
FIRST-LINE SUP/MGR-CONSTRUCTION	493	81005
FIRST-LINE SUP/MGR-HELP, LABORERS	496	81017
FIRST-LINE SUP/MGR-MECHANICS, INSTALLERS, REPAIRERS	492	81002
FIRST-LINE SUP/MGR-PRODUCTION	494	81008
FIRST-LINE SUP/MGR--SALES	274	41000
FIRST-LINE SUP/MGR--SERVICE	393	61000
FIRST-LINE SUP/MGR-TRANSPORTATION	495	81011
FIRST-LINE SUPERVISORS - AGRICULTURE	468	72002
FISH AND GAME WARDENS	412	63041
FITTERS, STRUCTURAL METAL--PRECISION	793	93108
FLIGHT ATTENDANTS	458	68026
FLOOR LAYERS--EX CARPET, WOOD, TILES	593	87605
FLOOR SANDING MACHINE OPERATORS	594	87608
FOOD AND TOBACCO WORKERS, NEC	674	89899
FOOD BATCHMAKERS	673	89808
FOOD PREPARATION WORKERS	429	65038
FOOD SERVERS--OUTSIDE	420	65011
FOOD SERVICE AND LODGING MANAGERS	17	15026
FOOD SERVICE WORKERS, NEC	431	65099
FOOD WORKERS, PRECISION	670	89800

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
FOOD, BEVERAGE PREPARATION AND SERVICE OCCS	416	65000
FOREIGN LANG & LITERATURE TEACHERS, POSTSECONDARY	159	31215
FOREST FIRE INSPECTORS, PREVENT SPECIALISTS	400	63005
FOREST, CONSERVATION WORKERS	476	79002
FORESTERS, CONSERVATION SCIENTISTS	90	24302
FORGING MACHINE SETTERS--METAL, PLASTIC	700	91317
FOUNDRY MOLD ASSEMBLY, SHAKEOUT	717	91914
FOUNDRY MOLD,CORE MAKERS,PRECISION	676	89902
FRAME WIRERS, CENTRAL OFFICE	530	85505
FREIGHT, MATERIAL MOVERS-HAND, NEC	903	98799
FREIGHT, STOCK, MATERIAL MOVERS, HAND	900	98700
FUNERAL ATTENDANTS	463	68041
FUNERAL DIRECTORS AND MORTICIANS	270	39011
FURNACE OPERATORS AND TENDERS	724	91935
FURNACE, KILN, KETTLE OPERATORS, TENDERS	769	92923
FURNITURE FINISHERS	645	89314
GAS APPLIANCE REPAIRERS	561	85944
GAS COMPRESSOR OPERATORS	871	97921
GAS PLANT OPERATORS	821	95005
GAS PUMPING STATION OPERATORS	870	97917
GAUGERS	825	95017
GEM AND DIAMOND WORKERS	684	89926
GENERAL MANAGERS, TOP EXECUTIVES	21	19005
GENERAL OFFICE CLERKS	356	55347
GEOGRAPHY TEACHERS, POSTSECONDARY	169	31234
GEOLOGIST, GEOPHYSICISTS, OCEANOGRAPHERS	87	24111
GLAZIERS	606	87811
GLAZIERS, MANUFACTURING	802	93911
GRADER, DOZER, SCRAPER OPERATORS	877	97938
GRADERS, SORTERS--AGRICULTURAL PRODUCTS	478	79011
GRADUATE ASSISTANTS, TEACHING	149	31117
GRINDING MACHINE SETTER--METAL,PLASTIC	692	91114
GRINDING, POLISHING WORKERS--HAND	816	93953
GUARDS AND WATCH GUARDS	414	63047
GUIDES	455	68017
HAIRDRESSERS, HAIRSTYLISTS	451	68005
HAND COMPOSITORS AND TYPESETTERS	657	89702
HAND PACKERS AND PACKAGERS	905	98902
HAND WORKERS, NEC	818	93999
HAND WORKERS--JEWELRY, PRECISION	635	89126
HARD TILE SETTERS	580	87308
HAZARDOUS MATERIALS REMOVAL WORKERS	603	87803
HEAD SAWYERS	732	92305
HEALTH ASSESSMENT & TREATMENT TEACHERS, POSTSEC	156	31212
HEALTH CARE MAINTENANCE, TREATING	220	32500
HEALTH CARE PROFESSIONALS, PARAPROFS, NEC	244	32999
HEALTH DIAGNOSING, TREATING	204	32100
HEALTH DIAGNOSING, TREATING, NEC	211	32199
HEALTH DIAGNOSTICS TEACHERS, POSTSECONDARY	155	31211
HEALTH PRACTITIONERS, TECHS, RELATED	203	32000

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
HEALTH SERVICE WORKERS, NEC	442	66099
HEALTH SERVICE, RELATED OCCS	432	66000
HEAT TREATING MACHINE OPS, TENDERS	723	91932
HEATERS, METAL & PLASTIC	725	91938
HEATING EQUIP SETTERS-METAL, PLASTIC	722	91928
HEATING, AC, REFRIGERATION MECHANICS	548	85902
HELPERS, LABORERS, HAND--EX AGRICULTURE & FORESTRY	886	98000
HELPERS--BRICK,STONE MASONS	890	98311
HELPERS--CARPENTERS AND RELATED	891	98312
HELPERS--CONSTRUCTION TRADES, NEC	896	98319
HELPERS--ELECTRICIANS, POWERLINE INSTALLERS	892	98313
HELPERS--EXTRACTIVE WORKERS	897	98323
HELPERS--PAINTERS AND RELATED	893	98314
HELPERS--PLUMBERS AND RELATED	894	98315
HELPERS--ROOFERS	895	98316
HIGHWAY MAINTENANCE WORKERS	599	87711
HISTORY TEACHERS, POSTSECONDARY	170	31235
HOIST AND WINCH OPERATORS	878	97941
HOME ECONOMICS TEACHERS, POSTSECONDARY	182	31262
HOME HEALTH CARE WORKERS	436	66011
HOSTS, HOSTESSES--RESTAURANTS	417	65002
HOTEL DESK CLERKS	329	53808
HOUSEKEEPING SUPERVISORS	396	61008
HUMAN SERVICES WORKERS	128	27308
INDUSTRIAL ENGINEERING TECHS & TECHNOS	76	22508
INDUST ENGINEERS--EXCEPT SAFETY	63	22128
INDUSTRIAL PRODUCTION MANAGERS	13	15014
INDUSTRIAL TRUCK,TRACTOR OPERATORS	880	97947
INDUSTRY SPECIFIC CLERICAL, ADMINISTRATIVE SUPPORT	300	53000
INSURANCE ADJUSTERS, EXAMINERS, INVESTIGATORS	313	53302
INSPECTORS, RELATED OCCUPATIONS	498	83000
INSPECTORS, TESTERS, RELATED, NEC	502	83099
INSPECTORS,TESTERS,& GRADERS,PRECISION	499	83002
INSTALLER & REPAIRER, MOBILE HOME	560	85938
INSTRUCTIONAL COORDINATORS	201	31517
INSTRUCTORS AND COACHES--SPORTS	192	31321
INSTRUCTORS--NON-VOCATIONAL EDUCATION	191	31317
INSTRUMENT MAKERS, PRECISION	628	89105
INSTRUMENT REPAIRERS, PRECISION	549	85905
INSULATION WORKERS	602	87802
INSURANCE APPRAISERS--AUTO DAMAGE	314	53305
INSURANCE CLAIMS CLERKS	316	53311
INSURANCE EXAMINING CLERKS	315	53308
INSURANCE POLICY PROCESSING CLERKS	317	53314
INSURANCE WORKERS	312	53300
INTERIOR DESIGNERS	259	34041
INTERVIEW CLERKS--EX PERSONNEL, WELFARE	351	55332
INVESTIGATIVE, RELATED, EX INSURANCE	318	53500
INVESTIGATORS--CLERICAL	320	53505
JANITORS, CLEANERS--EXCEPT MAIDS	445	67005

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
JEWELERS AND SILVERSMITHS	634	89123
JOB PRINTERS	658	89705
JUDGES AND MAGISTRATES	136	28102
LABORERS, LANDSCAPING/GROUNDSKEEPING	485	79041
LANDSCAPE ARCHITECTS	71	22308
LATHE MACHINE SETTERS--METAL, PLASTIC	689	91105
LATHERS	573	87114
LAW AND RELATED OCCUPATIONS	134	28000
LAW CLERKS	140	28302
LAW TEACHERS, POSTSECONDARY	175	31244
LAWN SERVICE MANAGER	19	15032
LAWYERS	138	28108
LAWYERS AND RELATED WORKERS	135	28100
LAYOUT WORKERS--METAL, PRECISION	632	89117
LECTURERS	147	31111
LEGAL ASSISTANTS, TECHNICIANS, EX CLERICAL	139	28300
LEGAL ASSISTANTS, TECHNICIANS--EX CLERICAL, NEC	144	28399
LETTERPRESS SETTERS, SET-UP OPERATORS	739	92515
LIBRARIANS, ARCHIVISTS AND RELATED	195	31500
LIBRARIANS--PROFESSIONAL	196	31502
LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS	331	53902
LIBRARY SCIENCE TEACHERS, POSTSECONDARY	180	31256
LICENSE CLERKS	325	53708
LICENSED VOCATIONAL NURSES	222	32505
LIFE SCIENCES TEACHERS, POSTSECONDARY	151	31202
LIFE SCIENTISTS	89	24300
LIFE SCIENTISTS, NEC	94	24399
LITHOGRAPHY & PHOTOENGRAVING WORKERS, NEC	667	89719
LITHOGRAPHY & PHOTOENGRAVING, PRECISION	661	89710
LAUNDRY, DRYCLEAN MACH OPS--EX PRESS	759	92726
LOADING MACHINE OPERATORS--MINING	875	97932
LOAN AND CREDIT CLERKS	308	53121
LOAN INTERVIEWERS	305	53111
LOAN OFFICERS AND COUNSELORS	28	21108
LOCKSMITHS AND SAFE REPAIRERS	555	85923
LOCOMOTIVE ENGINEERS	843	97305
LOCOMOTIVE FIRERS	845	97311
LODGING AND TRAVEL WORKERS	326	53800
LOG GRADERS AND SCALERS	477	79008
LOG HANDLING EQUIPMENT OPERATORS	472	73008
LOGGING TRACTOR OPERATORS	473	73011
LONGSHORE EQUIPMENT OPERATORS	865	97902
MACHINE BUILDERS & OTHER PRECISION MACH ASSEMBLER	792	93105
MACHINE FORMING OPS, TENDERS--METAL, PLASTIC	701	91321
MACHINE FORMING SETTERS--METAL, PLASTIC	694	91300
MACHINE SETTER, SET-UP, OP--EX METAL, PLASTIC	761	92900
MACHINE SETTERS, SET-UP OPERATORS, & TENDERS	686	91000
MACHINE TOOL CUTTING OPS--METAL, PLASTIC	693	91117
MACHINE TOOL CUTTING--METAL, PLASTIC	687	91100
MACHINE TOOL SETTERS, OPS--METAL, PLASTIC	702	91500

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MACHINE ASSEMBLERS	799	93902
MACHINE FEEDERS AND OFFBEARERS	898	98500
MACHINE FEEDERS AND OFFBEARERS, NEC	899	98502
MACHINE OPERATORS AND TENDERS, NEC	788	92998
MACHINE SETTERS & SET-UP OPERATORS, NEC	787	92997
MACHINERY AND RELATED MECHANICS	504	85100
MACHINERY MAINT MECHANICS, NEC	511	85119
MACHINERY MAINTENANCE MECHANICS	505	85110
MACHINERY MAINTENANCE WORKERS	514	85128
MACHINISTS	629	89108
MAIDS AND HOUSEKEEPING CLEANERS	444	67002
MAIL CLERKS-EX MAIL MACHINE OPERATORS, POSTAL	374	57302
MAIL MACHINE OPERATORS--PREP AND HANDLING	360	56008
MAIL, MESSAGE DISTRIBUTION WORKERS	373	57300
MAIN LINE STATION ENGINEERS	869	97914
MAINTENANCE MECHANICS--MARINE EQUIP	508	85116
MAINTENANCE MECHANICS--WATER, POWER	510	85118
MAINTENANCE REPAIRERS, GENERAL UTILITY	515	85132
MAINTENANCE MECHANICS--SEWING MACHINE	507	85113
MAINTENANCE MECHANICS--TEXTILE	506	85112
MANAGEMENT ANALYSTS	44	21905
MANAGEMENT SUPPORT OCCUPATIONS	24	21000
MANAGEMENT SUPPORT WORKERS, NEC	50	21999
MANAGERS AND ADMINISTRATORS, NEC	22	19999
MANICURISTS	452	68008
MARINE ARCHITECTS	70	22305
MARINE ENGINEERS	66	22138
MARKING CLERKS	385	58021
MASONS AND RELATED WORKERS	577	87300
MATERIAL MOVEMENT EQUIPMENT OPERATORS	864	97900
MATERIAL MOVING EQUIP OPERATORS, NEC	884	97989
MATERIAL RECORDING, DISPATCHING	378	58000
MATERIAL RECORDING, RELATED, NEC	389	58099
MATES--SHIP, BOAT, AND BARGE	851	97505
MATH SCIENTISTS AND RELATED	110	25300
MATHEMATICAL SCIENCES TEACHERS, POSTSECONDARY	163	31224
MATHEMATICAL SCIENTISTS	112	25310
MATHEMATICAL SCIENTISTS, NEC	116	25319
MATHEMATICAL TECHNICIANS	117	25323
MEAT, POULTRY, FISH CUTTERS--HAND	811	93938
MECHANICAL CONTROL, VALVE INSTALLERS	557	85928
MECHANIC AND REPAIRER HELPERS	887	98100
MECHANIC AND REPAIRER HELPERS, NEC	888	98102
MECHANICAL ENGINEERING TECHNICIANS	77	22511
MECHANICAL ENGINEERS	65	22135
MECHANICS, INSTALLERS, REPAIRERS	503	85000
MECHANICS, NEC	527	85399
MECHANICS, INSTALLERS, REPAIRERS, NEC	566	85999
MEDICAL, CLINICAL LAB ASSISTANTS	232	32905
MEDICAL, CLINICAL LAB TECHNOLOGISTS	231	32902

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MEDICAL APPLIANCE MAKERS	683	89923
MEDICAL ASSISTANTS	434	66005
MEDICAL RECORDS TECHNICIANS	234	32911
MEDICAL SCIENTISTS	93	24311
MEDICINE, HEALTH SERVICES MANAGERS	11	15008
MENDERS, GARMENTS AND LINENS	565	85956
MERCHANDISE DISPLAYERS, WINDOW TRIMMERS	260	34044
MERCHANDISE, PRODUCTS AND OTHER SALES	285	49000
MESSENGERS	377	57311
METAL FABRICATING MACH SETTERS, OPS	706	91700
METAL FABRICATOR, STRUCTURAL METAL PRODUCTS	711	91714
METAL MOLDING MACHINE OPERATORS AND TENDERS	716	91911
METAL MOLDING, MACHINE SETTER, SET-UP	715	91908
METAL POURERS, CASTERS--BASIC	812	93941
METAL WORKERS, NEC--PRECISION	639	89199
METAL WORKERS, PRECISION	626	89100
METAL, PLASTIC MACHINE SETTERS, OPS NEC	727	92100
METAL, PLASTIC PROCESS MACHINE SETTERS	712	91900
METALLURGISTS, RELATED ENGINEERS	54	22105
METER READERS--UTILITIES	383	58014
MANAGERS AND ADMINISTRATIVE OCCUPATIONS	2	10000
MILLING MACHINE SETTERS--METAL, PLASTIC	691	91111
MILLWRIGHTS	512	85123
MINE CUTTING, CHANNELING MACHINE OPERATORS	621	87943
MINING ENGINEERS--INCL MINE SAFETY	55	22108
MINING MACHINE OPERATORS	619	87940
MINING MACHINE OPERATORS, NEC	622	87949
MINING, OIL AND GAS, RELATED MANAGERS	15	15021
MISC AGRICULTURE, FORESTRY, FISHING	475	79000
MISC HELPERS, LABORERS--HAND	904	98900
MISC HELPERS, LABORERS--HAND, NEC	907	98999
MISC INDUSTRY SPECIFIC CLERICAL	330	53900
MISC MECHANICS, INSTALLERS, REPAIRERS	547	85900
MISC METAL, PLASTIC MACHINE SETTERS OPERATORS	726	91999
MISC PERSONAL SERVICE OCCUPATIONS	449	68000
MISC PROFESSIONALS, PARAPROFS, TECHNICAL	266	39000
MISC SECRETARIAL, GENERAL OFFICE OCCS	341	55300
MISC SERVICE WORKERS	464	69000
MISC TRANSPORTATION WORKERS	859	97800
MARKETING, ADVERTISING, PUBLIC-RELATIONS MANAGERS	6	13011
MOBILE EQUIPMENT MECHANICS, REPAIRERS	516	85300
MOBILE HEAVY EQUIP MECHANICS--EX ENGINE	521	85314
MODELS	296	49036
MOLDERS AND CASTERS--HAND	813	93944
MOLDERS, SHAPERS--EX JEWELRY	677	89905
MOTION PICTURE PROJECTIONISTS	763	92905
MOTOR VEHICLE OPERATORS	833	97100
MOTOR VEHICLE OPERATORS, NEC	840	97199
MOTORBOAT OPERATORS	853	97511
MOTORCYCLE REPAIRERS	519	85308

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MUNICIPAL CLERKS	324	53705
MUNICIPAL WORKERS	322	53700
MUSIC DIRECTORS, SINGERS, COMPOSERS	261	34047
MUSICAL INSTRUMENT REPAIRERS AND TUNERS	554	85921
MUSICIANS--INSTRUMENTAL	262	34051
NATURAL SCIENTISTS AND RELATED WORKERS	82	24000
NUMERICAL TOOL, PROCESS PROGRAMMERS	108	25111
NEW ACCOUNTS CLERKS	303	53105
NONELECTROLYTIC PLATING & COATING MACHINE-OPS	721	91926
NONELECTROLYTIC PLATING MACHINE-SETTERS & SET-UP	720	91923
NUCLEAR ENGINEERS	58	22117
NUCLEAR MEDICINE TECHNOLOGISTS	236	32914
NUCLEAR TECHNICIANS	98	24508
NUMERICAL MACHINE TOOL OPS--METAL, PLASTIC	703	91502
NURSE AIDES, ORDERLIES, ATTENDANTS	435	66008
NURSERY & GREENHOUSE MANAGER	18	15031
NURSING INSTRUCTORS, POSTSECONDARY	148	31114
OCCUPATIONAL THERAPISTS	214	32305
OCCUPATIONAL THERAPY ASSISTANTS	439	66021
OCCUPATIONS NOT CLASSIFIED	908	
OFFICE MACHINE, CASH REGISTER SERVICERS	556	85926
OFFICE MACHINE OPERATORS, NEC	365	56099
OFFSET LITHOGRAPHIC PRESS SETTERS	738	92512
OIL PUMPERS--EXCEPT WELL HEAD	867	97908
OPERATING ENGINEERS	883	97956
OPERATIONS & SYSTEMS RESEARCHERS--EX COMPUTER	111	25302
OPTICAL GOODS WORKERS, PRECISION	681	89917
OPTICIANS--DISPENSING, MEASURING	225	32514
OPTOMETRISTS	207	32108
ORDER CLERKS--MATERIALS, SERVICE	348	55323
ORDER FILLERS--WHOLESALE & RETAIL SALE	387	58026
ORDINARY SEAMEN AND MARINE OILERS	855	97517
OTHER SOCIAL SCIENCE RELATED WORKERS	124	27300
OTHER ELECTRICAL EQUIPMENT MECHANICS	535	85700
OTHER HAND WORKERS	798	93900
OTHER HEALTH PROFESSIONALS, PARAPROFS	230	32900
OTHER MANAGEMENT SUPPORT WORKERS	42	21900
OTHER PRECISION WORKERS	675	89900
OTHER PROFESSIONALS, PARAPROF, TECHNICAL	272	39999
OTHER TEACHERS AND INSTRUCTORS	184	31300
PACKAGING, FILLING MACHINE OPERATORS, TENDERS	786	92974
PAINT, COAT & SPRAY MACHINE SETTERS	778	92951
PAINTERS AND RELATED WORKERS	584	87400
PAINTERS, PAPERHANGERS--CONSTRUCTION	585	87402
PAINTERS, TRANSPORTATION EQUIPMENT	777	92947
PAINTING, COATING, DECORATING--HAND	814	93947
PAINTING, RELATED MACHINE OPERATORS, TENDERS	779	92953
PAPER GOODS MACHINE SETTERS, SET-UP OPERATORS	766	92914
PARALEGAL PERSONNEL	141	28305
PARKING ENFORCEMENT OFFICERS	405	63021

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PARKING LOT ATTENDANTS	862	97808
PARKS, REC, LEISURE, FITNESS STUDIES TEACHERS, POST	181	31258
PASTE UP WORKERS	659	89706
PATTERN AND MODEL MAKERS--METAL	631	89114
PATTERN AND MODEL MAKERS--WOOD	641	89302
PATTERN MARKERS--WOOD	642	89305
PATTERNMAKERS AND LAYOUT WORKERS	648	89502
PATTERNMAKERS, MODEL MAKERS, LAYOUT	678	89908
PAVING, TAMPING-EQUIPMENT OPERATORS	598	87708
PAYROLL AND TIMEKEEPING CLERKS	354	55341
PERIPHERAL EDP EQUIPMENT OPERATORS	362	56014
PERSONNEL CLERKS--EX PAYROLL	345	55314
PERSONNEL, TRAINING, LABOR-RELATIONS MANAGERS	4	13005
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS	37	21500
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS, NEC	41	21511
PERSONAL AND HOME CARE AIDES	461	68035
PEST CONTROLLERS AND ASSISTANTS	446	67008
PETROLEUM REFINERY, CONTROL PANEL OPERATORS	824	95014
PETROLEUM ENGINEERS	56	22111
PETROLEUM PUMP SYSTEM OPERATORS	823	95011
PETROLEUM TECHNICIANS	99	24511
PHARMACISTS	226	32517
PHARMACY AIDES	441	66026
PHARMACY TECHNICIANS	227	32518
PHILOSOPHY & RELIGION TEACHERS, POSTSECONDARY	179	31254
PHOTOENGRAVERS	662	89712
PHOTOENGRAVING, LITHOGRAPHING MACHINE OPERATORS	747	92545
PHOTOGRAPHERS	253	34023
PHOTOGRAPHIC PROCESSING MACHINE OPS & TENDERS	764	92908
PHOTOGRAPHIC PROCESS WORKER, PRECISION	680	89914
PHYSICAL SCIENCE TEACHERS, POSTSECONDARY	154	31209
PHYSICAL SCIENTISTS	83	24100
PHYSICAL SCIENTISTS, NEC	88	24199
PHYSICAL THERAPISTS	215	32308
PHYSICAL THERAPY ASSISTANTS & AIDES	438	66017
PHYSICAL, LIFE SCIENCE TECHNICIANS	95	24500
PHYSICAL, LIFE SCIENCE TECHNICIANS, NEC	100	24599
PHYSICIANS AND SURGEONS	205	32102
PHYSICIAN'S ASSISTANTS	224	32511
PHYSICISTS AND ASTRONOMERS	84	24102
PHYSICS TEACHERS, POSTSECONDARY	153	31206
PILE DRIVING OPERATORS	597	87705
PILOTS--SHIP	852	97508
PIPELAYERS	589	87508
PIPELAYING FITTERS	588	87505
PLANT AND SYSTEM OCCUPATIONS	819	95000
PLANT AND SYSTEM OPERATORS, NEC	831	95099
PLAST MOLDING, CASTING MACHINE SETTER	713	91902
PLASTERERS AND STUCCO MASONS	583	87317
PLASTIC MOLDING, CASTING MACHINE OPS	714	91905

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PLATEMAKERS	666	89718
PLUMBERS AND RELATED WORKERS	586	87500
PLUMBERS, PIPEFITTERS, STEAMFITTER	587	87502
PODIATRISTS	208	32111
POLICE AND DETECTIVE SUPERVISORS	395	61005
POLICE DETECTIVES	402	63011
POLICE PATROL OFFICERS	403	63014
POLITICAL SCIENCE TEACHERS, POSTSECONDARY	171	31236
PORTABLE MACHINE CUTTERS	808	93928
POSTAL MAIL CARRIERS	375	57305
POSTAL SERVICE CLERKS	376	57308
POSTMASTERS, MAIL SUPERINTENDENTS	9	15002
POSTSECONDARY TEACHERS	146	31100
POSTSECONDARY TEACHERS, NEC	183	31299
POWER DISTRIBUTORS AND DISPATCHERS	829	95028
POWER PLANT OPS--EX AUXILIARY EQUIPMENT	826	95021
POWER REACTOR OPERATORS	828	95026
POWERHOUSE, RELATED ELECTRICIANS	542	85721
PRESS MACHINE SETTERS--METAL, PLASTIC	696	91305
PRESSERS--DELICATE FABRICS	653	89517
PRESSERS--HAND	805	93921
PRESSING MACH OPS--TEXTILE, GARMENT	760	92728
PRINT PRESS SETTERS, SET UP OPS	737	92510
PRINT PRESS SETTERS, SET-UP OPS NEC	740	92519
PRINT REL SETTERS, SET-UP OPS, NEC	744	92529
PRINT, BINDING, RELATED MACHINE OPS, TENDER	749	92549
PRINTING PRESS MACHINE OPS, TENDER	746	92543
PRINTING WORKERS, NEC--PRECISION	669	89799
PRINTING WORKERS, PRECISION	656	89700
PRINTING, BINDING, RELATED WORKERS	736	92500
PROCUREMENT CLERKS	349	55326
PROD INSPECTORS, TESTERS, & GRADER	500	83005
PROD, CONST, OPER, MATERIAL HANDLING	490	80000
PROD, PLANNING, EXPEDITING CLERKS	381	58008
PRODUCERS, DIRECTORS, ACTORS	264	34056
PRODUCTION OCCUPATIONS, PRECISION	625	89000
PROFESSIONAL, PARAPROF, TECHNICAL	23	20000
PROOFREADERS AND COPY MARKERS	334	53911
PROPERTY AND REAL ESTATE MANAGERS	12	15011
PROTECTIVE SERVICE OCCUPATIONS	398	63000
PROTECTIVE SERVICE WORKERS, NEC	415	63099
PRUNERS	483	79033
PSYCHIATRIC AIDES	437	66014
PSYCHIATRIC TECHNICIANS	242	32931
PSYCHOLOGISTS	122	27108
PSYCHOLOGY TEACHERS, POSTSECONDARY	172	31237
PUBLIC ADMIN CHIEF EXECUTIVES, LEGISLATORS	20	19002
PUBLIC RELATIONS SPECIALISTS, PUBLICITY WRITERS	248	34008
PUMP OPERATORS	882	97953
PUNCH MACHINE SETTERS--METAL, PLASTIC	695	91302

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PURCHASING AGENTS AND BUYERS--FARM PRODUCTS	35	21305
PURCHASING AGENTS--EX WHOLESALE, RETAIL, FARM PRODS	36	21308
PURCHASING AGENTS AND BUYERS	33	21300
PURCHASING MANAGERS	5	13008
RADIATION THERAPISTS	235	32913
RADIO MECHANICS	533	85514
RADIO OPERATORS	269	39008
RADIOLOGIC TECHNOLOGISTS	237	32919
RAIL CAR REPAIRERS	522	85317
RAIL TRANSPORTATION WORKERS	841	97300
RAIL VEHICLE OPERATIVES, NEC	848	97399
RAIL YARD ENGINEERS AND RELATED	844	97308
RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS	847	97317
RAILROAD CONDUCTORS, YARDMASTERS	842	97302
RAILROAD, TRANSIT POLICE, SPECIAL AGENTS	411	63038
RAIL-TRACK LAYING, MAINTENANCE EQUIPMENT OPS	600	87714
REAL ESTATE CLERKS	335	53914
RECEPTIONISTS, INFORMATION CLERKS	343	55305
RECREATION WORKERS	129	27311
RECREATIONAL THERAPISTS	218	32317
REFRACTORY MATERIALS REPAIRERS	513	85126
REFUSE COLLECTORS	902	98705
REGISTERED NURSES	221	32502
REINFORCING METAL WORKERS	582	87314
RELIGIOUS WORKERS	130	27500
RELIGIOUS WORKERS, NEC	133	27599
REPORTERS AND CORRESPONDENTS	249	34011
RESERVATION, TRANS TICKET AGENTS	328	53805
RESIDENTIAL COUNSELORS	127	27307
RESPIRATORY CARE PRACTITIONERS	213	32302
RIGGERS	559	85935
ROASTING, BAKING MACHINE OPERATORS--FOOD	768	92921
ROCK SPLITTERS, QUARRY	613	87908
ROLLING MACH SETTERS--METAL, PLASTIC	699	91314
ROOF BOLTERS	618	87923
ROOFERS	605	87808
ROTARY DRILL OPERATORS--OIL, GAS EXTRACT	614	87911
ROUSTABOUTS	617	87921
SAFETY ENGINEERS--EXCEPT MINING	64	22132
SALES AGENTS, PLACERS--INSURANCE	276	43002
SALES AGENTS--ADVERTISING	283	43023
SALES AGENTS--FINANCIAL SERVICES	280	43014
SALES AGENTS--REAL ESTATE	278	43008
SALES AGENTS--SELECTED BUSINESS SERVICES	281	43017
SALES AGENTS--SERVICE	275	43000
SALES AND RELATED OCCUPATIONS	273	40000
SALES AND RELATED WORKERS, NEC	297	49999
SALES ENGINEERS	286	49002
SALES REPRESENTATIVES, NON-SCIENTIFIC EX RET	288	49008
SALES REPRESENTATIVES, SCIENTIFIC--EX RETAIL	287	49005

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SALES REPRESENTATIVES, SERVICE--NEC	284	43099
SALESPERSONS, RETAIL	289	49011
SALESPERSONS--PARTS	290	49014
SAW MACHINE TOOL SETTERS--METAL, PLASTIC	688	91102
SAWING MACHINE OPERATORS AND TENDERS	733	92308
SAWING MACHINE SETTERS, SET-UP OPERATORS	731	92302
SCANNER OPERATORS	664	89715
SCREEN PRINT MACHINE SETTERS, SET-UP	742	92524
SECRETARIAL, GENERAL OFFICE OCCUPATIONSS	336	55000
SECRETARIES	337	55100
SECRETARIES, GENERAL	340	55108
SECRETARIES, LEGAL	338	55102
SECRETARIES, MEDICAL	339	55105
SELECTED ROAD, RAIL AND RELATED	595	87700
SEPARATING, STILL MACHINE OPS, TENDERS	782	92962
SEPTIC TANK, SEWER PIPE SERVICERS	590	87511
SERVICE OCCUPATIONS	392	60000
SERVICE STATION ATTENDANTS	861	97805
SERVICE UNIT OPERATORS	616	87917
SERVICE WORKERS, NEC	465	69999
SEWERS--HAND	806	93923
SEWING MACHINE OPERATORS--GARMENT	756	92717
SEWING MACHINE OPS--NON-GARMENT	757	92721
SHAMPOOERS	453	68011
SHEAR MACHINE SETTERS--METAL, PLASTIC	697	91308
SHEET METAL DUCT INSTALLERS	604	87805
SHEET METAL WORKERS	637	89132
SHERIFFS AND DEPUTY SHERIFFS	409	63032
SHIP ENGINEERS	856	97521
SHIPFITTERS	633	89121
SHOE AND LEATHER WKRS--PRECISION	651	89511
SHOE SEWING MACHINE OPS, TENDERS	758	92723
SHUTTLE CAR OPERATORS	876	97935
SIGNAL OR TRACK SWITCH MAINTAINERS	532	85511
SLAUGHTERERS AND BUTCHERS	671	89802
SMALL ENGINE SPECIALISTS	526	85328
SOCIAL SCI, RECREATION, RELIGIOUS	118	27000
SOCIAL SCIENCE TEACHERS, POSTSECONDARY	165	31230
SOCIAL SCIENCES TEACHERS, POSTSECONDARY	173	31239
SOCIAL SCIENTISTS, NEC	123	27199
SOCIAL SCIENCE--INCL URBAN, REGIONAL PLANNERS	119	27100
SOCIAL WORKERS--EX MEDICAL, PSYCHIATRIC	126	27305
SOCIAL WORK TEACHERS, POSTSECONDARY	177	31247
SOCIAL WORKERS--MEDICAL, PSYCHIATRIC	125	27302
SOLDERERS AND BRAZERS	804	93917
SOLDERING, BRAZING MACH OPS, TENDERS	710	91711
SOLDERING, BRAZING MACH SETTERS	709	91708
SPEC MATERL PRINTING MACH SETTERS	741	92522
SPECIAL AGENTS--INSURANCE	39	21505
SPEECH PATHOLOGISTS, AUDIOLOGISTS	217	32314

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SPOTTERS--DRY CLEANING	652	89514
SPRAYERS, APPLICATORS	484	79036
STATEMENT CLERKS	310	53126
STATION INSTALLERS--TELEPHONE	544	85726
STATIONARY ENGINEERS	830	95032
STATISTICAL CLERKS	350	55328
STATISTICIANS	113	25312
STENOGRAPHERS AND/OR COURT REPORTER	342	55302
STEVEDORES--EX EQUIPMENT OPERATORS	901	98702
STOCK CLERKS--SALES FLOOR	292	49021
STOCK CLERKS--STOCKROOM, WAREHOUSE	386	58023
STONE MASONS	579	87305
STRIPPERS	665	89717
STRUCTURAL METAL WORKERS	607	87814
SUBWAY AND STREETCAR OPERATORS	846	97314
SURGICAL TECHNICIANS	241	32928
SURVEYING AND MAPPING SCIENTISTS	72	22311
SURVEYING AND MAPPING TECHNICIANS	80	22521
SWITCHBOARD OPERATORS	368	57102
SYSTEMS ANALYSTS--ELECTRIC DATA PROCESSING	103	25102
TANK CAR AND TRUCK LOADERS	866	97905
TAPERS	572	87111
TAX EXAMINERS, COLLECTORS, REVENUE AGENTS	47	21914
TAX PREPARERS	29	21111
TAXI DRIVERS AND CHAUFFEURS	838	97114
TEACHER AIDES & EDUCATIONAL ASSISTANTS, CLERICAL	332	53905
TEACHER AIDES, PARAPROFESSIONAL	202	31521
TEACHERS AND INSTRUCTORS, NEC	194	31399
TEACHERS, EDUCATORS, LIBRARIANS	145	31000
TEACHERS, KINDERGARTEN	186	31304
TEACHERS, PRESCHOOL	185	31303
TEACHERS--ELEMENTARY SCHOOL	187	31305
TEACHERS--SECONDARY SCHOOL	188	31308
TEACHERS--SPECIAL EDUCATION	189	31311
TEACHERS--VOCATIONAL ED AND TRAINING	190	31314
TECHNICAL ASSISTANTS--LIBRARY	197	31505
TECHNICAL WRITERS	247	34005
TELEGRAPH AND TELETYPE OPERATORS	371	57111
TELEGRAPH, TELETYPE INSTALLERS	531	85508
TELEMARKETERS, SOLICITORS & RELATED	294	49026
TELEPHONE, CABLE TV INSTALLERS	536	85702
TELLERS	302	53102
TEXTILE, APPAREL, FURNISHINGS, NEC--PRECISION	655	89599
TEXTILE BLEACHING, DYEING MACHINE OPERATORS	755	92714
TEXTILE DRAW-OUT MACH OPERATORS, TENDERS	754	92711
TEXTILE MACHINE SETTERS, SET-UP OPERATORS	751	92702
TEXTILE OPERATORS, TENDERS--WIND, TWIST, KNIT	752	92705
TEXTILE, APPAREL, FURNISHINGS, PRECISION	647	89500
TEXTILE, RELATED SETTERS, OPERATORS	750	92700
THERAPISTS	212	32300

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
THERAPISTS, NEC	219	32399
TIMBER CUTTING AND LOGGING	469	73000
TIMBER CUTTING AND RELATED, NEC	474	73099
TIRE BUILDING MACHINE OPERATORS	765	92911
TIRE REPAIRERS AND CHANGERS	564	85953
TITLE EXAMINERS AND ABSTRACTORS	143	28311
TITLE SEARCHERS	142	28308
TOOL AND DIE MAKERS	627	89102
TOOL GRINDERS, FILERS, SHARPENERS	630	89111
TRAFFIC TECHNICIANS	268	39005
TRAFFIC, SHIPPING, RECEIVING CLERKS	388	58028
TRANS AND RELATED WORKERS, NEC	863	97899
TRANS ATTENDANTS--EX FLIGHT	459	68028
TRANS, MATERIAL MOVING EQUIPMENT OPS, NEC	885	97999
TRANS, MATERIAL MOVING MACHINE OPS	832	97000
TRANSIT CLERKS	304	53108
TRANSPORTATION AGENTS	382	58011
TRANSPORTATION INSPECTORS	501	83008
TRAVEL AGENTS	282	43021
TRAVEL CLERKS	327	53802
TRUCK DRIVERS, HEAVY	834	97102
TRUCK DRIVERS, LIGHT	835	97105
TYPESETTING, COMPOSING MACHINE OPS	745	92541
TYPISTS, INCLUDING WORD PROCESSING	344	55307
U.S. MARSHALLS	407	63026
UNDERGROUND MINE MACHINE MECHANICS	509	85117
UNDERWRITERS	26	21102
UPHOLSTERERS	650	89508
URBAN AND REGIONAL PLANNERS	121	27105
USHERS, LOBBY ATTENDANTS	456	68021
VEHICLE WASHERS, EQUIPMENT CLEANERS	906	98905
VETERINARY ASSISTANTS	486	79806
VETERINARY TECHNICIANS	243	32951
VETS AND VETERINARY INSPECTORS	210	32114
VOCATIONAL & EDUCATIONAL COUNSELOR	200	31514
WAITERS AND WAITRESSES	419	65008
WARDROBE ATTENDANTS	460	68032
WATCH ASSEMBLERS, RELATED--PRECISION	796	93117
WATCHMAKERS	553	85917
WATER TRANSPORTATION WORKERS	849	97500
WATER TREATMENT PLANT OPERATORS	820	95002
WEIGHERS, MEASURERS--RECORDKEEPING	384	58017
WELDERS AND CUTTERS	803	93914
WELDING MACH OPERATORS AND TENDERS	708	91705
WELDING MACH SETTERS, SET-UP OPS	707	91702
WELFARE ELIGIBILITY WORKERS, INTERVIEWERS	319	53502
WELL HEAD PUMPERS	868	97911
WHOLESALE AND RETAIL BUYERS--EX FARM PRODS	34	21302
WOOD MACHINISTS	643	89308
WOODWORK MACH OPS, TNDRS--EX SAWING	735	92314

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
WOODWORK MACH SETTERS--EX SAWING	734	92311
WOODWORKERS, NEC--PRECISION	646	89399
WOODWORKERS, PRECISION	640	89300
WOODWORKING MACHINE SETTERS, OPS	730	92300
WORKERS, PRECISION--NEC	685	89999
WRITERS AND EDITORS	246	34002
WRITERS, ARTISTS, ENTER, ATHLETES	245	34000

Standard Industrial Classification Manual

The Standard Industrial Classification (SIC) is a nationally standardized system for identifying and coding business establishments according to their industrial activity. An "establishment" is an economic unit, generally located at a single physical location, where business is conducted or where services or industrial operations are performed. The Standard Industrial Classification (SIC) Manual is the reference guide used to accurately apply and/or understand the classification coding system.

The SIC Manual's format separates industries into ten broad divisions, such as manufacturing and retail trade. Within those broad groupings are more specific two-digit codes, as well as more detailed three-digit and four-digit codes, that identify specific industries. Brief narratives describe the kinds of establishments contained in each classification category.

Suggestions for Users

The SIC Manual facilitates the collection, analysis and publication of information about business establishments. This standardized system is used throughout the United States to promote uniformity in the publications of private and governmental agencies. The Employment Development Department's field office personnel use the manual to assign SIC codes to employers

to aid in providing services. Trade associations and private industry use the manual in reference books, such as the California Manufacturers Register.

The manual can help one to understand the composite industries summarized in publications. However, all public sector workers are usually grouped together into a category called "government", which includes federal, state and local government, and state and local education.

The U.S. Department of Labor, Occupational Safety and Health Administration provides SIC information on the Internet at <http://www.osha.gov/oshstats/sicser.html>

The SIC Manual may be purchased from U.S. Government Bookstores, Bureau of Labor Statistics, or the Superintendent of Documents in Los Angeles or San Francisco. For information about purchasing this manual, contact:

U.S. Government Bookstore
Marathon Plaza, Room 141-S
303 2nd Street
San Francisco, CA 94107
Phone - (415) 512-2770
Fax - (415) 512-2776
<http://access.gpo.gov>

North American Industry Classification System

The United States has a new industry classification system. The North American Industry Classification System (NAICS) will soon replace the U.S. Standard Industrial Classification (SIC) system.

NAICS is the first-ever North American Industry classification system. The system was developed by the U.S., Canada, and Mexico to provide comparable statistics across the three countries. For the first time, government and business analysts will be able to compare directly industrial production statistics collected and published in the three North American Free Trade Agreement countries.

NAICS will reshape the way we view our changing economy. It is a unique, all-new system for classifying business establishments. It is the first economic classification system to be constructed based on a single economic concept. Economic units that use like processes to produce goods or services are grouped together. This "production-oriented" system means that statistical agencies in the United States will produce data that can be used for:

- measuring productivity, unit labor costs, and the capital intensity of production;
- constructing input-output relationships and;
- estimating employment-output relationships and other such statistics that require that inputs and outputs be used together.

NAICS responds to increasing and serious criticism about the SIC. NAICS reflects the structure of today's economy in the United States, Canada, and Mexico, including the emergence and growth of the service sector and new and advanced technologies. It is a flexible system that allows each country to recognize important industries below the level at which comparable data will be shown for all three countries.

The 1997 Economic Census will provide the first official NAICS-based statistics. Advance statistics will appear in early 1999. A report in 2000 will show relationships between NAICS and SIC industries.

Implementation by Federal agencies will be in phases. Some agency programs will convert to NAICS as early as 1999, others as late as 2004.

How is NAICS better?

NAICS will make economic statistics more useful. It will improve basic benchmark and current performance statistics, like manufacturers' shipments, retail sales, and service receipts. It will improve statistics by providing an all-new industry classification system that is more:

Relevant. NAICS identifies new industries, revises concepts, and reorganizes classifications so that industry-classified statistics highlight businesses that contribute most to our economy.

Consistent. NAICS classifies businesses into industries based on one principle instead of several; the principle that businesses using similar production processes are classified together.

Comparable. NAICS provides first-ever comparability in North American industry classifications and economic statistics.

Flexible. NAICS classifications will be updated regularly to keep pace with changes in our economy; every 5 years, all three North American countries will review NAICS and make needed revisions.

How NAICS will affect the economic data you use.

Every sector of the economy has been restructured and redefined:

- A new *Information* sector combines communications, publishing, motion picture and sound recording, and online services, recognizing our information-based economy.
- *Manufacturing* is restructured to recognize new high-tech industries. A new subsector is devoted to computers and electronics, including reproduction of software.
- *Retail Trade* is redefined. In addition, eating and drinking places are transferred to a new *Accommodation and Food Services* sector.
- The difference between *Retail* and *Wholesale* is now based on how each store conducts business. For example, many computer stores are reclassified from wholesale to retail.
- Nine new service sectors and 250 new service industries are recognized.

All new numbering system

Numeric codes for each NAICS classification are completely different from those of the SIC. The new numbering system underscores the "clean slate" approach taken in NAICS and allows its classification changes to be fully developed. The new system provides five levels of classification (up from four in the SIC), detailed codes that have a maximum of six-digits (up from four in the SIC) and detailed classifications called "U.S. Industry" (instead of "Industry" in the SIC). These changes require new numbers, even for industries that continue without change. For example, both NAICS and SIC include the detailed industry, "Passenger car rental." However, in NAICS, it has code number 532111, and in the SIC, it was code number 7514. While all NAICS numeric codes are new, like the SIC, they are organized into multi-level hierarchical classification groups that build up from the detailed industry level. The additional level of classification and expanded number of digits permit NAICS to account for the increased number of classifications, provide flexibility in structuring industry classification groups, and allow for country-based variations in classification detail.

A variety of information resources are available to help users of business statistics understand and use NAICS. Additional information, answers to frequently asked questions, and updated agency implementation plans are available at the Census Bureau's Internet site:

www.census.gov/naics

Answers to specific classification and data program inquiries may also be addressed to industry experts at:

Phone: 1-888-75NAICS

E-mail: naics@census.gov

Projection Methods And Economic Assumptions

The employment projection process consists of two phases – first, projections for employment by industry are made using both historical data and current information about the economy. Next, the industry projections become a primary data source used to project changes in occupational employment.

Changes in occupational employment over time result from two principal sources: industry growth and technological change. In developing occupational employment projections, both of these components must be addressed.

The following is a discussion of how industry and occupational projections are developed, beginning with a description of data sources and followed by a description of the steps involved.

Principal Data Sources

Employment by Industry

The source of the official historical industry employment series used for industry projections for the state and each county is the Current Employment Statistics (CES) program. This is a Federal/State co-operative program that compiles monthly estimates of industry employment groupings for the state and each county. These monthly industry employment estimates are based primarily on employer sample surveys.

A second source used in industry forecasts is the Covered Employment and Wage Data, or ES-202 program. Essentially, this program extracts employment and wage information from quarterly tax returns filed by each California employer covered by unemployment insurance. Each employer has been assigned a specific industry and county code and these data are compiled to provide the 'actual' industry employment levels for each industry and county. These data are then used for benchmarking the monthly industry employment

estimates made in the CES program. This is also a Federal/State co-operative program.

Employment by Occupation

Occupational employment estimates are based on survey data collected through the Occupational Employment Statistics (OES) program. The OES survey is an annual mail survey of non-farm employers conducted by the Employment Development Department in cooperation with the U.S. Bureau of Labor Statistics. The survey is based on a sample designed to represent the universe of employers in each state. In California, data are collected for over 800 occupations at the three-digit SIC level of detail. The survey samples approximately 110,000 business establishments over a three year period.

The Process

Industry Projections

Industry projections are first developed at aggregated levels (industry groupings) for the state and each county based on the Current Employment Statistics employment series.

Second, these aggregated industry projections are then broken down into more industry specific detail using the ES-202 data. The industry specific projections then become the primary source from which occupational projections are developed by using industry staffing patterns data. The following steps outline the process:

- Approximately every two years, industry employment projections are produced for the nation by the Bureau of Labor Statistics.
- Industry projections are then developed for the State using input from the national forecast and the historical industry employment series for the State.

- County industry projections are then developed using input from the state forecast and the historical employment series for each county.
- State projections are developed for ten years from the base period and county projections are developed for seven years from the base period.
- The State forecasts are reviewed by Labor Market Information Division (LMID) industry analysts, California's Department of Finance, and academics.
- County forecasts are reviewed by local area consultants who provide up to date information regarding recent developments in each county that would not normally be accounted for in the model.

Occupational Projections

The distribution of industry employment by occupation is performed in three steps.

- OES survey responses are summarized by industry and matched with the appropriate SIC in the area. (In cases where local OES responses are not available, either state-wide responses or another area's responses are substituted.)
- The survey data are adjusted to total to the annual average employment level for each industry. This results in estimates of employment by occupation within the three-digit SICs for the base year.
- Finally, base year staffing patterns are adjusted to account for projected shifts in the occupational distributions due to technological changes. These projected changes are derived from special studies conducted by the U.S. Bureau of Labor Statistics. Applying these changes to the base year staffing patterns results in staffing patterns by three-digit SIC for the projected year. Projected year staffing patterns are applied to the industry employment projections

to produce occupational employment projections within three-digit SICs. Data by occupation are then summed to get the occupational estimates. The difference between the base year occupation estimates and the projected year projections represents the job growth resulting from industry growth and from technological change. (Change factors do not try to predict regulatory changes.)

Demand for workers is also created by openings that result when workers leave their jobs to enter other occupations, retire, or leave the labor force for other reasons. These openings, termed *separations*, are important because, in most occupations, they exceed job openings resulting from employment growth. Even occupations that are projected to decline usually provide job openings due to separations. Separations are developed from separation rates compiled on a national basis every two years by the Bureau Of Labor Statistics.

Economic Assumptions

The industry and occupational projections in this report are based on the following assumptions:

- ✓ The institutional framework of the U.S. economy will not change radically.
- ✓ Recent technological and scientific trends will continue.
- ✓ The long-term employment patterns will continue in most industries.
- ✓ Federal, state, and local government agencies will continue to operate under budgetary constraints.
- ✓ No major events, such as war, will occur that will significantly alter the industrial structure of the economy, the occupational staffing patterns, or the rate of long-term growth.
- ✓ Population growth rates and age distributions will not differ significantly from Department of Finance projections presently available.
- ✓ Attitudes toward work, education, income, and leisure will not change significantly.

Projections & Planning Information

Module E:

Wages

Table of Contents

Module E: Occupational Wages.....	PAGE
Introduction.....	E-v
Occupational Employment Statistics Wage Survey Results	E-1

Terms and Concepts

Employment represents the estimate of total wage and salary employment in an occupation across the industries in which it was surveyed. The OES survey form contains between 50 and 225 SOC occupations selected on the basis of the industry classification and size of the sampled establishments. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected from establishments within industries that are the predominant employers of labor in those occupations.

Wages for the OES survey are straight-time gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost of supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation per each wage range. The wage intervals are as follows:

Interval	Hourly Wage	Annual Wage
A	Under \$6.75	Under \$14,040
B	\$6.75 to 8.49	\$14,040 to 17,679
C	\$8.50 to 10.74	\$17,680 to 22,359
D	\$10.75 to 13.49	\$22,360 to 28,079
E	\$13.50 to 16.99	\$28,080 to 35,359
F	\$17.00 to 21.49	\$35,360 to 44,719
G	\$21.50 to 27.24	\$44,720 to 56,679
H	\$27.25 to 34.49	\$56,680 to 71,759
I	\$34.50 to 43.74	\$71,760 to 90,999
J	\$43.75 to 55.49	\$91,000 to 115,439
K	\$55.50 to 69.99	\$115,440 to 145,599
L	\$70.00 and over	\$145,600 and over

Wages are calculated using wage data from establishments in the industries that are the predominant employers of an occupation. Industries that do not typically employ workers in a given occupation are not included in the calculation of the mean and median wage.

Mean Hourly Wage is the estimated total wages for an occupation divided by its weighted survey employment. When the wages for an occupation are concentrated in the upper wage interval, it is not possible to calculate a reliable mean. In those instances, both the mean hourly wage and the mean annual wage are replaced by a "(3)" and the user is referred to the appropriate footnote. There are a small number of occupations where only an annual wage figure is provided; the workers in these occupations are generally paid on an annual basis, and their annual wage has been directly calculated from the reported survey data. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, aircraft pilots, flight attendants, and teachers. These occupations are identified in the data tables with "(2)" in the hourly wage cells.

Median Hourly Wage is the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below the median wage, and 50 percent earn wages above the median wage.

Entry-Level Hourly Wage is the mean of the first third of the wage distribution. This calculation is provided as a proxy for an entry-level wage.

First Quartile Wage is the estimated 25th percentile of the distribution of wages; 25 percent of workers in an occupation earn wages below the first quartile wage, and 75 percent earn wages above the first quartile wage.

Third Quartile Wage is the estimated 75th percentile of the distribution of wages; 75 percent of workers in an occupation earn wages below the third quartile wage, and 25 percent earn wages above the third quartile wage.

Metropolitan Area The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MAs are defined around two or more nuclei. The MAs are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by

the Interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MAs nationwide.

Metropolitan Statistical Area (MSA) A MSA comprises one or more central counties. A MSA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. The title of a MSA contains the name of its largest city and up to two additional city names, provided that the additional places meet specified levels of population, employment and commuting. Generally a city of 250,000 or more is in the title, regardless of other criteria.

Primary Metropolitan Statistical Area (PMSA) The criteria that designates and defines a MSA also designates and defines a PMSA. If an area that qualifies as a MA has more than one million persons, primary metropolitan statistical areas (PMSAs) may be defined within it. PMSAs consist of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links, in addition to close ties to other portions of the larger area. The title of a PMSA may contain up to three place names, or up to three county names, sequenced in order of population.

Consolidated Metropolitan Statistical Area (CMSA) A CMSA consists of two or more Primary Metropolitan Statistical Areas (PMSAs).

Occupational Employment Statistics (OES) Survey Results

Yuba City MSA

Sutter & Yuba Counties

These survey data are from the 2001 Occupational Employment Statistics (OES) survey. The wages have all been updated to the third quarter of 2002 by applying the US Department of Labor's Employment Cost Index to the 2001 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at [http://www.calmis.ca.gov/file/occup\\$/oes\\$.htm](http://www.calmis.ca.gov/file/occup$/oes$.htm)

(Sorted by Occupational Title)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2011	Accountants and Auditors	\$14.74	\$22.84	\$16.19	\$20.49	\$27.12
11-3011	Administrative Services Managers	\$19.58	\$31.50	\$21.99	\$32.54	\$40.93
11-2011	Advertising and Promotions Managers	\$20.05	\$32.21	\$26.63	\$31.69	\$35.55
41-3011	Advertising Sales Agents	\$8.04	\$17.21	\$8.50	\$10.68	\$14.45
45-2091	Agricultural Equipment Operators	\$6.75*	\$8.22	\$6.75*	\$7.44	\$8.66
49-3011	Aircraft Mechanics and Service Technicians	\$18.11	\$19.96	\$18.44	\$19.99	\$21.55
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	\$10.32	\$13.65	\$11.84	\$13.22	\$15.87
21-9099	All Other Counselors, Social and Religious Workers	\$8.65	\$12.48	\$10.04	\$12.05	\$13.78
17-3099	All Other Drafters, Engineering, and Mapping Technicians	\$19.74	\$21.06	\$19.22	\$20.69	\$22.40
43-4999	All Other Financial, Information, and Record Clerks	\$8.89	\$14.47	\$9.46	\$12.71	\$16.67
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	\$7.76	\$13.16	\$8.22	\$12.54	\$16.84
25-3999	All Other Teachers, Primary, Secondary, and Adult	(2)	(2)	(2)	(2)	(2)
39-3091	Amusement and Recreation Attendants	\$6.75*	\$6.75*	\$6.75*	\$6.75*	\$7.13
17-0000	Architecture and Engineering Occupations	\$20.60	\$27.87	\$22.99	\$27.99	\$32.50

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$9.10	\$15.06	\$10.27	\$13.28	\$17.87
49-3021	Automotive Body and Related Repairers	\$11.14	\$17.55	\$12.95	\$18.34	\$20.90
49-3023	Automotive Service Technicians and Mechanics	\$9.76	\$15.16	\$11.41	\$14.32	\$19.40
51-3011	Bakers	\$6.76	\$9.71	\$7.17	\$9.46	\$12.14
35-3011	Bartenders	\$7.00	\$7.91	\$7.26	\$7.96	\$8.65
43-3011	Bill and Account Collectors	\$9.38	\$12.40	\$10.22	\$12.10	\$14.07
43-3021	Billing and Posting Clerks and Machine Operators	\$9.64	\$12.80	\$10.44	\$12.43	\$14.49
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$9.68	\$14.09	\$10.85	\$14.10	\$16.85
13-2031	Budget Analysts	\$18.32	\$24.88	\$20.17	\$24.45	\$29.01
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$7.38	\$10.88	\$7.86	\$9.66	\$13.31
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$12.05	\$16.92	\$12.96	\$16.85	\$20.60
53-3022	Bus Drivers, School	\$7.40	\$11.13	\$7.83	\$11.17	\$13.40
53-3021	Bus Drivers, Transit and Intercity	\$6.75*	\$8.61	\$6.75*	\$7.67	\$8.85
13-0000	Business and Financial Operations Occupations	\$14.94	\$23.34	\$16.90	\$21.72	\$29.57
13-1199	Business Operations Specialists, All Other	\$15.95	\$24.74	\$18.66	\$25.18	\$31.70
47-2031	Carpenters	\$9.47	\$14.59	\$10.44	\$13.15	\$17.84
47-2041	Carpet Installers	\$10.78	\$19.10	\$13.90	\$20.27	\$23.71
41-2011	Cashiers	\$6.75*	\$9.02	\$6.98	\$7.89	\$9.43
47-2051	Cement Masons and Concrete Finishers	\$10.15	\$14.90	\$10.89	\$13.66	\$18.78
35-1011	Chefs and Head Cooks	\$9.29	\$14.02	\$10.47	\$14.18	\$17.13

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-1011	Chief Executives	\$38.90	\$55.37	\$46.37	\$57.66	\$63.36
39-9011	Child Care Workers	\$7.20	\$9.62	\$7.55	\$8.83	\$11.28
21-1021	Child, Family, and School Social Workers	\$9.10	\$18.44	\$10.08	\$16.10	\$22.06
17-3022	Civil Engineering Technicians	\$18.76	\$22.13	\$19.61	\$22.37	\$25.12
17-2051	Civil Engineers	\$23.79	\$29.49	\$26.15	\$30.12	\$33.45
19-3031	Clinical, Counseling, and School Psychologists	\$14.50	\$23.37	\$17.11	\$24.03	\$28.70
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.75*	\$7.30	\$6.75*	\$7.08	\$7.84
53-2012	Commercial Pilots	(2)	(2)	(2)	(2)	(2)
21-0000	Community and Social Services Occupations	\$10.94	\$19.94	\$12.50	\$16.99	\$26.04
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportati	\$13.78	\$17.26	\$14.51	\$16.53	\$19.03
11-3021	Computer and Information Systems Managers	\$30.68	\$45.73	\$34.18	\$42.53	\$59.60
15-0000	Computer and Mathematical Occupations	\$13.95	\$24.85	\$17.00	\$24.41	\$30.49
43-9011	Computer Operators	\$11.93	\$15.97	\$12.62	\$15.51	\$19.42
15-1031	Computer Software Engineers, Applications	\$28.84	\$40.90	\$32.85	\$40.08	\$48.14
15-1099	Computer Specialists, All Other	\$15.13	\$22.92	\$17.03	\$22.93	\$29.77
15-1041	Computer Support Specialists	\$8.97	\$14.88	\$10.56	\$15.06	\$17.28
15-1051	Computer Systems Analysts	\$21.45	\$26.91	\$23.44	\$27.87	\$31.58
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$12.87	\$16.24	\$13.13	\$15.16	\$19.80
47-4011	Construction and Building Inspectors	\$22.49	\$26.11	\$23.95	\$26.24	\$28.74
47-0000	Construction and Extraction Occupations	\$9.85	\$18.17	\$11.29	\$16.31	\$23.37

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2061	Construction Laborers	\$7.89	\$15.26	\$8.58	\$13.85	\$22.18
11-9021	Construction Managers	\$19.94	\$28.55	\$21.53	\$26.61	\$36.21
35-2011	Cooks, Fast Food	\$6.75*	\$6.97	\$6.75*	\$7.00	\$7.86
35-2012	Cooks, Institution and Cafeteria	\$8.23	\$11.53	\$8.92	\$10.54	\$13.46
35-2014	Cooks, Restaurant	\$7.07	\$8.31	\$7.34	\$8.24	\$9.32
35-2015	Cooks, Short Order	\$6.75*	\$8.34	\$6.75*	\$7.93	\$9.95
13-1051	Cost Estimators	\$14.57	\$23.69	\$15.91	\$20.69	\$31.45
41-2021	Counter and Rental Clerks	\$7.08	\$9.17	\$7.33	\$8.41	\$10.55
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.86	\$10.40	\$8.09	\$9.36	\$12.70
13-2041	Credit Analysts	\$20.12	\$20.91	\$19.71	\$21.07	\$22.44
43-4051	Customer Service Representatives	\$9.25	\$12.12	\$9.45	\$10.54	\$13.21
43-9021	Data Entry Keyers	\$8.33	\$10.79	\$9.34	\$10.87	\$12.75
31-9091	Dental Assistants	\$10.58	\$15.00	\$11.25	\$15.42	\$17.98
29-1031	Dietitians and Nutritionists	\$20.40	\$23.47	\$20.04	\$21.86	\$24.50
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.75*	\$6.80	\$6.75*	\$6.75*	\$7.36
35-9021	Dishwashers	\$6.75*	\$6.75*	\$6.75*	\$6.75*	\$7.36
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$6.75*	\$12.04	\$6.75*	\$8.29	\$16.33
53-3031	Driver/Sales Workers	\$7.16	\$9.60	\$7.38	\$8.23	\$10.51
47-2081	Drywall and Ceiling Tile Installers	\$9.29	\$12.63	\$9.79	\$11.30	\$16.39
11-9032	Education Administrators, Elementary and Secondary School	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$12.98	\$18.50	\$13.50	\$16.03	\$19.61
25-0000	Education, Training, and Library Occupations	\$10.82	\$21.84	\$12.54	\$20.22	\$28.98
21-1012	Educational, Vocational, and School Counselors	\$14.84	\$26.01	\$16.89	\$25.78	\$34.44
17-3023	Electrical and Electronic Engineering Technicians	\$12.87	\$19.76	\$14.20	\$21.91	\$24.78
17-2071	Electrical Engineers	\$26.33	\$32.03	\$28.88	\$32.55	\$37.35
47-2111	Electricians	\$15.60	\$23.90	\$18.52	\$23.37	\$28.53
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	\$8.08	\$9.30	\$8.25	\$9.42	\$10.48
13-1071	Employment, Recruitment, and Placement Specialists	\$17.19	\$24.72	\$18.31	\$22.74	\$30.14
11-9041	Engineering Managers	\$29.60	\$36.19	\$30.91	\$34.94	\$41.15
17-2199	Engineers, All Other	\$22.40	\$28.81	\$24.02	\$28.91	\$33.08
53-7032	Excavating and Loading Machine and Dragline Operators	\$16.17	\$21.31	\$17.64	\$21.57	\$25.45
43-6011	Executive Secretaries and Administrative Assistants	\$13.13	\$18.14	\$15.02	\$18.65	\$21.25
45-4021	Fallers	\$11.57	\$21.60	\$13.16	\$17.92	\$31.62
49-3041	Farm Equipment Mechanics	\$14.33	\$19.14	\$16.82	\$19.92	\$21.87
45-0000	Farming, Fishing, and Forestry Occupations	\$6.75*	\$8.28	\$6.75*	\$7.11	\$8.00
45-9099	Farming, Fishing, and Forestry Workers, All Other	\$9.76	\$11.90	\$10.05	\$11.90	\$13.67
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$6.75*	\$7.65	\$6.94	\$7.53	\$8.22
43-4071	File Clerks	\$6.94	\$8.37	\$7.31	\$8.16	\$9.43
13-2051	Financial Analysts	\$21.06	\$22.55	\$20.37	\$21.94	\$23.41
11-3031	Financial Managers	\$21.84	\$32.51	\$23.74	\$28.99	\$40.22

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
33-2011	Fire Fighters	\$12.28	\$22.28	\$15.37	\$23.74	\$27.87
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$18.88	\$25.34	\$20.40	\$24.05	\$28.11
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$8.35	\$16.31	\$8.81	\$14.86	\$20.41
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$7.95	\$11.27	\$8.29	\$10.18	\$13.41
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$8.40	\$15.78	\$8.61	\$13.91	\$20.63
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$9.25	\$15.04	\$10.12	\$15.70	\$19.54
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$10.72	\$16.97	\$12.50	\$15.56	\$22.65
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$12.82	\$23.48	\$17.92	\$23.98	\$28.97
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$13.15	\$23.54	\$16.50	\$19.71	\$22.30
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$12.67	\$21.13	\$14.76	\$19.91	\$25.86
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$10.21	\$16.62	\$11.56	\$16.58	\$21.13
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$12.35	\$18.73	\$13.86	\$17.55	\$22.89
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$10.81	\$17.49	\$11.94	\$14.59	\$20.18
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	\$15.44	\$24.38	\$17.27	\$22.12	\$31.42
35-9099	Food Preparation and Serving Related Workers, All Other	\$6.75*	\$8.48	\$6.75*	\$6.83	\$8.35
35-0000	Food Preparation and Serving-Related Occupations	\$6.75*	\$8.07	\$6.75*	\$7.30	\$8.56
35-2021	Food Preparation Workers	\$6.75*	\$7.84	\$6.75*	\$7.21	\$8.67
11-9051	Food Service Managers	\$14.17	\$21.77	\$15.59	\$19.67	\$27.72

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-1021	General and Operations Managers	\$20.47	\$35.61	\$24.10	\$31.20	\$46.02
45-2041	Graders and Sorters, Agricultural Products	\$6.75*	\$6.75*	\$6.75*	\$6.75*	\$6.75*
27-1024	Graphic Designers	\$9.13	\$12.93	\$9.81	\$11.57	\$14.07
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$7.77	\$9.83	\$8.28	\$9.60	\$10.97
21-1091	Health Educators	\$10.04	\$13.26	\$10.36	\$12.21	\$14.04
29-0000	Healthcare Practitioners and Technical Occupations	\$14.91	\$28.03	\$17.69	\$24.64	\$31.52
31-0000	Healthcare Support Occupations	\$8.77	\$11.95	\$9.39	\$11.14	\$14.26
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$16.44	\$19.40	\$17.14	\$19.18	\$21.11
47-3012	Helpers--Carpenters	\$7.47	\$9.99	\$8.07	\$9.89	\$12.23
47-3013	Helpers--Electricians	\$9.40	\$12.43	\$9.63	\$11.96	\$15.51
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$6.75*	\$8.92	\$6.75*	\$8.95	\$10.60
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$11.17	\$13.85	\$11.94	\$14.44	\$15.98
51-9198	Helpers--Production Workers	\$6.75*	\$7.57	\$6.75*	\$6.99	\$9.31
49-9031	Home Appliance Repairers	\$9.46	\$12.32	\$9.77	\$10.96	\$15.72
31-1011	Home Health Aides	\$6.78	\$7.88	\$7.04	\$7.78	\$8.59
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.75*	\$6.75*	\$6.75*	\$6.75*	\$7.34
43-4081	Hotel, Motel, and Resort Desk Clerks	\$6.81	\$7.94	\$7.20	\$7.95	\$8.70
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$10.91	\$14.39	\$11.96	\$14.04	\$16.76
11-3040	Human Resources Managers	\$22.12	\$30.69	\$23.67	\$27.32	\$35.45
49-9041	Industrial Machinery Mechanics	\$12.60	\$18.90	\$14.12	\$18.86	\$24.14

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-3051	Industrial Production Managers	\$14.32	\$26.21	\$15.59	\$24.13	\$30.78
53-7051	Industrial Truck and Tractor Operators	\$9.11	\$12.50	\$10.02	\$12.02	\$14.37
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$8.49	\$13.68	\$9.05	\$12.18	\$17.25
49-0000	Installation, Maintenance, and Repair Occupations	\$10.51	\$18.03	\$12.55	\$18.06	\$22.76
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$8.83	\$16.37	\$9.86	\$14.07	\$21.05
25-9031	Instructional Coordinators	\$10.08	\$13.79	\$10.18	\$11.23	\$13.86
43-9041	Insurance Claims and Policy Processing Clerks	\$9.90	\$12.54	\$10.61	\$12.33	\$14.07
41-3021	Insurance Sales Agents	\$11.63	\$21.77	\$13.20	\$19.32	\$26.25
43-4111	Interviewers, Except Eligibility and Loan	\$11.07	\$17.34	\$11.73	\$13.75	\$24.21
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$7.64	\$11.70	\$8.34	\$11.83	\$14.15
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$7.42	\$10.40	\$7.66	\$8.65	\$10.72
17-1012	Landscape Architects	\$29.12	\$31.65	\$29.28	\$31.76	\$34.25
37-3011	Landscaping and Groundskeeping Workers	\$7.50	\$11.02	\$7.98	\$9.96	\$13.43
51-6011	Laundry and Dry-Cleaning Workers	\$7.20	\$8.22	\$7.47	\$8.15	\$8.84
23-0000	Legal Occupations	\$17.39	\$35.47	\$20.46	\$31.42	\$49.76
43-6012	Legal Secretaries	\$12.35	\$16.61	\$14.05	\$16.47	\$19.87
11-1031	Legislators	\$20.01	\$25.19	\$20.89	\$23.51	\$26.23
25-4021	Librarians	\$15.77	\$22.37	\$17.79	\$22.78	\$27.21
25-4031	Library Technicians	\$10.01	\$14.68	\$11.30	\$15.25	\$17.18
29-2061	Licensed Practical and Licensed Vocational Nurses	\$13.39	\$16.55	\$15.04	\$16.86	\$18.86

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
19-0000	Life, Physical, and Social Science Occupations	\$13.65	\$22.45	\$16.30	\$23.05	\$28.40
43-4131	Loan Interviewers and Clerks	\$10.63	\$13.61	\$11.26	\$13.08	\$15.98
13-2072	Loan Officers	\$17.74	\$26.20	\$19.14	\$25.53	\$32.74
45-4022	Logging Equipment Operators	\$15.38	\$17.66	\$15.34	\$16.86	\$19.54
51-4041	Machinists	\$10.92	\$15.38	\$12.14	\$14.92	\$17.52
49-9042	Maintenance and Repair Workers, General	\$10.30	\$15.90	\$12.19	\$15.63	\$19.80
49-9043	Maintenance Workers, Machinery	\$8.00	\$12.95	\$8.39	\$10.62	\$16.33
13-1111	Management Analysts	\$17.77	\$23.07	\$19.77	\$23.66	\$26.84
11-0000	Management Occupations	\$17.51	\$32.69	\$21.68	\$30.36	\$42.08
11-9199	Managers, All Other	\$19.80	\$28.12	\$22.13	\$27.86	\$33.98
11-2021	Marketing Managers	\$25.61	\$40.48	\$28.20	\$38.89	\$51.20
21-1022	Medical and Public Health Social Workers	\$18.06	\$34.25	\$19.46	\$25.14	\$60.94
31-9092	Medical Assistants	\$10.85	\$14.14	\$11.69	\$14.18	\$15.89
29-2071	Medical Records and Health Information Technicians	\$9.06	\$13.12	\$10.01	\$12.73	\$16.68
43-6013	Medical Secretaries	\$10.99	\$13.83	\$12.20	\$14.38	\$15.99
31-9094	Medical Transcriptionists	\$11.49	\$14.19	\$12.36	\$14.15	\$15.89
25-2022	Middle School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$18.68	\$22.65	\$19.96	\$22.82	\$25.94
11-9121	Natural Sciences Managers	\$18.78	\$37.23	\$20.98	\$31.37	\$53.27
15-1071	Network and Computer Systems Administrators	\$20.22	\$24.16	\$22.26	\$24.49	\$26.66

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
15-1081	Network Systems and Data Communications Analysts	\$10.73	\$21.60	\$11.31	\$18.87	\$27.60
43-4141	New Accounts Clerks	\$10.25	\$14.65	\$11.26	\$13.14	\$18.73
39-2021	Nonfarm Animal Caretakers	\$7.61	\$10.48	\$7.52	\$8.25	\$15.29
31-1012	Nursing Aides, Orderlies, and Attendants	\$8.55	\$9.97	\$8.95	\$9.98	\$10.95
43-0000	Office and Administrative Support Occupations	\$8.55	\$13.53	\$9.65	\$12.69	\$16.60
43-9061	Office Clerks, General	\$8.25	\$11.76	\$9.20	\$11.57	\$13.81
43-9071	Office Machine Operators, Except Computer	\$7.91	\$9.44	\$7.81	\$8.53	\$10.89
47-2073	Operating Engineers and Other Construction Equipment Operators	\$16.80	\$25.94	\$19.25	\$29.14	\$33.09
43-4151	Order Clerks	\$8.89	\$12.94	\$9.68	\$12.09	\$16.20
53-7064	Packers and Packagers, Hand	\$6.78	\$8.49	\$7.24	\$8.17	\$9.38
47-2141	Painters, Construction and Maintenance	\$12.50	\$14.92	\$12.71	\$14.18	\$16.34
23-2011	Paralegals and Legal Assistants	\$14.11	\$16.58	\$14.46	\$15.98	\$17.90
41-2022	Parts Salespersons	\$8.27	\$12.17	\$8.91	\$10.65	\$14.31
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$20.30	\$26.69	\$21.37	\$28.93	\$32.11
43-3051	Payroll and Timekeeping Clerks	\$9.74	\$13.77	\$10.68	\$14.17	\$16.50
39-9021	Personal and Home Care Aides	\$6.75*	\$7.70	\$6.90	\$7.57	\$8.48
39-0000	Personal Care and Service Occupations	\$6.75*	\$10.27	\$7.01	\$8.73	\$12.28
29-1051	Pharmacists	\$37.39	\$41.19	\$39.41	\$42.58	\$45.59
29-2052	Pharmacy Technicians	\$12.85	\$15.07	\$13.47	\$15.14	\$16.75
31-2022	Physical Therapist Aides	\$8.62	\$9.94	\$8.98	\$9.97	\$10.99

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-1123	Physical Therapists	\$23.91	\$30.76	\$27.18	\$29.90	\$33.55
51-8099	Plant and System Operators, All Other	\$15.07	\$18.70	\$16.79	\$18.92	\$21.08
47-2161	Plasterers and Stucco Masons	\$10.29	\$16.07	\$11.85	\$15.11	\$19.60
47-2152	Plumbers, Pipefitters, and Steamfitters	\$11.59	\$24.41	\$13.06	\$23.97	\$33.64
43-5031	Police, Fire, and Ambulance Dispatchers	\$9.52	\$15.99	\$11.86	\$15.97	\$20.59
43-5051	Postal Service Clerks	\$14.93	\$18.00	\$16.34	\$18.57	\$20.29
43-5052	Postal Service Mail Carriers	\$14.59	\$18.06	\$16.34	\$18.62	\$20.45
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$9.21	\$13.24	\$9.60	\$10.99	\$18.04
25-2011	Preschool Teachers, Except Special Education	\$7.36	\$10.65	\$7.82	\$10.22	\$12.91
51-5023	Printing Machine Operators	\$10.92	\$14.32	\$12.06	\$14.09	\$16.07
43-3061	Procurement Clerks	\$11.46	\$14.42	\$12.09	\$14.45	\$16.67
51-0000	Production Occupations	\$7.61	\$11.92	\$8.39	\$10.39	\$14.15
43-5061	Production, Planning, and Expediting Clerks	\$8.03	\$14.60	\$8.53	\$14.08	\$19.87
11-9141	Property, Real Estate, and Community Association Managers	\$6.75*	\$8.65	\$6.75*	\$6.75*	\$10.48
33-0000	Protective Service Occupations	\$9.27	\$21.16	\$10.72	\$20.81	\$28.64
11-2031	Public Relations Managers	\$20.66	\$27.25	\$21.10	\$23.76	\$34.24
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$13.24	\$20.41	\$15.67	\$19.84	\$25.35
11-3061	Purchasing Managers	\$15.92	\$28.85	\$17.23	\$26.94	\$35.36
29-2034	Radiologic Technologists and Technicians	\$15.16	\$19.21	\$16.68	\$19.43	\$21.81

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4171	Receptionists and Information Clerks	\$7.45	\$9.46	\$7.89	\$9.26	\$10.88
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	\$9.43	\$10.94	\$9.57	\$10.51	\$11.44
41-2031	Retail Salespersons	\$6.80	\$10.06	\$7.14	\$8.35	\$10.60
47-2181	Roofers	\$14.54	\$17.24	\$15.44	\$17.22	\$19.81
41-0000	Sales and Related Occupations	\$7.03	\$12.24	\$7.35	\$9.05	\$13.93
11-2022	Sales Managers	\$22.87	\$41.43	\$26.30	\$39.95	\$57.29
41-3099	Sales Representatives, Services, All Other	\$6.75*	\$17.63	\$7.37	\$13.08	\$23.77
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$12.36	\$20.89	\$13.60	\$18.71	\$27.15
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$14.56	\$25.19	\$16.44	\$20.68	\$33.01
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$8.88	\$11.29	\$9.19	\$10.46	\$12.54
25-2031	Secondary School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
43-6014	Secretaries, Except Legal, Medical, and Executive	\$7.99	\$12.15	\$9.42	\$12.49	\$14.86
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$14.70	\$26.64	\$15.88	\$20.26	\$37.34
33-9032	Security Guards	\$7.01	\$10.63	\$7.27	\$8.08	\$10.05
25-3021	Self-Enrichment Education Teachers	\$8.40	\$11.83	\$9.06	\$10.35	\$14.14
51-6031	Sewing Machine Operators	\$6.75*	\$7.97	\$6.76	\$8.07	\$9.20
47-2211	Sheet Metal Workers	\$13.37	\$24.58	\$15.18	\$24.15	\$33.91
43-5071	Shipping, Receiving, and Traffic Clerks	\$7.07	\$11.04	\$7.73	\$11.47	\$13.63
11-9151	Social and Community Service Managers	\$14.37	\$24.65	\$16.71	\$21.48	\$32.34

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
21-1093	Social and Human Service Assistants	\$10.62	\$14.41	\$11.30	\$13.40	\$16.45
29-1127	Speech-Language Pathologists	\$18.31	\$25.61	\$21.00	\$27.92	\$30.96
51-8021	Stationary Engineers and Boiler Operators	\$19.50	\$20.68	\$18.89	\$20.39	\$21.89
43-5081	Stock Clerks and Order Fillers	\$7.03	\$11.79	\$7.49	\$9.65	\$15.68
29-2055	Surgical Technologists	\$15.02	\$16.68	\$15.24	\$16.62	\$18.28
17-3031	Surveying and Mapping Technicians	\$11.72	\$20.15	\$12.89	\$20.82	\$26.41
17-1022	Surveyors	\$22.81	\$33.76	\$25.63	\$29.87	\$34.04
43-2011	Switchboard Operators, Including Answering Service	\$7.81	\$9.35	\$7.89	\$8.88	\$10.64
25-9041	Teacher Assistants	(2)	(2)	(2)	(2)	(2)
51-2092	Team Assemblers	\$7.63	\$10.22	\$8.13	\$9.62	\$11.74
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$18.49	\$23.08	\$20.84	\$24.07	\$26.53
49-9052	Telecommunications Line Installers and Repairers	\$21.10	\$24.05	\$23.41	\$25.27	\$27.06
43-3071	Tellers	\$8.20	\$10.83	\$8.87	\$10.39	\$12.70
49-3093	Tire Repairers and Changers	\$8.54	\$9.69	\$8.91	\$9.83	\$10.68
13-1073	Training and Development Specialists	\$10.26	\$17.49	\$11.19	\$15.23	\$20.65
33-3052	Transit and Railroad Police	\$17.13	\$19.36	\$17.76	\$19.46	\$21.15
53-0000	Transportation and Material Moving Occupations	\$7.29	\$12.29	\$7.83	\$10.42	\$15.17
11-3071	Transportation, Storage, and Distribution Managers	\$15.51	\$26.84	\$17.36	\$26.91	\$34.64
41-3041	Travel Agents	\$7.42	\$10.05	\$7.73	\$9.10	\$12.57
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$12.59	\$15.31	\$14.12	\$15.57	\$16.99

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-3033	Truck Drivers, Light or Delivery Services	\$7.23	\$11.62	\$7.50	\$10.84	\$14.91
19-3051	Urban and Regional Planners	\$21.64	\$27.27	\$23.56	\$27.65	\$31.77
29-1131	Veterinarians	\$26.16	\$39.71	\$27.88	\$34.48	\$52.67
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$7.88	\$8.23	\$7.61	\$8.17	\$8.73
29-2056	Veterinary Technologists and Technicians	\$8.31	\$10.83	\$8.75	\$10.84	\$12.79
35-3031	Waiters and Waitresses	\$6.75*	\$7.72	\$6.75*	\$6.97	\$7.94
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$13.44	\$18.92	\$15.04	\$18.44	\$23.47
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.97	\$12.68	\$9.87	\$12.26	\$15.52
51-4121	Welders, Cutters, Solderers, and Brazers	\$9.25	\$13.81	\$10.41	\$13.09	\$17.02
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$12.39	\$16.74	\$13.43	\$15.74	\$18.17
43-9022	Word Processors and Typists	\$8.40	\$14.23	\$9.23	\$13.15	\$18.19

Data

- (1) The mean of the first third of the wage distribution is provided as a proxy for entry-level wage
 - (2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.
 - (3) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey), the mean hourly and annual wages cannot be reliably calculated.
This may occasionally apply to the entry-level wage as well.
 - (4) An estimate of employment could not be provided.
 - (5) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.
- * The survey reference date was in the fourth quarter of 2001, when the California minimum wage was \$6.25 per hour. Since these wages were updated to 2002, and the minimum wage changed to \$6.75 per hour on January 1, 2002, wages below \$6.75 were set to \$6.75 per hour.

Source: Employment Development Department
Labor Market Information Division
(916) 262-2162

Projections & Planning Information

Module F: Social & Economic Data

Table of Contents

PAGE

Module F: Social / Economic Data

Introduction.....	
Public Assistance Recipients by Program.....	F-1
Public Assistance Recipients by Program (CalWORKs) Characteristics of Recipients, 16 Years and Older.....	F-2
Occupations with the Greatest Absolute Job Growth.....	F-3
Lower Living Standard Income Levels and Poverty Guidelines.....	F-4
Planning Information for Local Workforce Investment Areas, Selected Characteristics by Age.....	F-7
Profile of General Demographic Characteristics.....	
Explanation of Terms and Concepts.....	F-9

Other Labor Market Information

Nondiscrimination Information.....	F-11
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Introduction To Social And Economic Data Tables

The data for the Social and Economic Data Tables were developed from a variety of sources to aid local organizations in identifying target group needs and in making appropriate resource allocations for employment and training activities.

Terms expressed in these tables are those commonly used by the U.S. Department of Commerce, the Bureau of the Census and the various state agencies which supplied the data. (The specified source of the data is noted at the bottom of each table.) To aid users of this publication, these terms are defined in the *Explanation of Terms and Concepts* section at the back of this packet.

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

For technical assistance or additional information about the Employment Development Department's Labor Market Information Division Internet website, please call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

TABLE 1
PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
2000 - 2002
SUTTER COUNTY

Recipients by Program	July			CALIFORNIA
	2000	2001	2002	July 2002
California Work Opportunity and Responsibility To Kids (CalWORKs) (a)	3,321	3,012	2,961	1,331,704
Adults	834	723	688	297,063
Children	2,487	2,289	2,273	1,034,641
Food Stamps (b)	4,551	3,788	3,927	1,529,445
General Relief (c)	18	11	20	95,718
Refugee Cash Assistance (d)	0	0	0	1,362
Welfare to Work (e)	676	590	504	266,670

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data for July 2001 were not available. Data provided are for March 2001.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

TABLE 1
PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
2000 - 2002
YUBA COUNTY

Recipients by Program	July			CALIFORNIA
	2000	2001	2002	July 2002
California Work Opportunity and Responsibility To Kids (CalWORKs) (a)	6,782	6,515	5,804	1,331,704
Adults	1,728	1,661	1,493	297,063
Children	5,054	4,854	4,311	1,034,641
Food Stamps (b)	6,842	6,842	6,928	1,529,445
General Relief (c)	2	3	2	95,718
Refugee Cash Assistance (d)	0	0	0	1,362
Welfare to Work (e)	1,505	1,356	1,117	266,670

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data for July 2001 were not available. Data provided are for March 2001.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

TABLE 2
PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER
2000 - 2002
SUTTER COUNTY

Characteristics	July			CALIFORNIA July 2002
	2000	2001	2002	
Total Recipients 16+ (a) (b)	1,150	1,040	1,030	461,210
Male	220	200	200	88,310
Female	930	840	830	373,040
16-20	240	220	220	97,300
21-44	820	740	730	328,710
45-54	70	60	60	28,150
55+	20	20	20	7,200
White (Not Hispanic)	750	590	540	113,140
Black (Not Hispanic)	70	40	50	101,960
Hispanic	280	340	390	206,470
Asian & Pacific Islander	40	50	30	33,350
American Indian	10	10	10	3,290
Filipino	0	*	*	3,000

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce, Bureau of the Census; Detailed data by sex, age, and race/ethnicity are extrapolations based on aggregate figures provided by the Department of Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>
 See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

* less than five

TABLE 2
PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER
2000 - 2002
YUBA COUNTY

Characteristics	July			CALIFORNIA July 2002
	2000	2001	2002	
Total Recipients 16+ (a) (b)	2,350	2,260	2,010	461,210
Male	450	430	380	88,310
Female	1,900	1,830	1,630	373,040
16-20	500	480	420	97,300
21-44	1,670	1,610	1,430	328,710
45-54	140	140	120	28,150
55+	40	40	30	7,200
White (Not Hispanic)	1,570	1,490	1,330	113,140
Black (Not Hispanic)	110	100	100	101,960
Hispanic	260	300	290	206,470
Asian & Pacific Islander	350	310	250	33,350
American Indian	50	50	30	3,290
Filipino	10	10	10	3,000

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce, Bureau of the Census; Detailed data by sex, age, and race/ethnicity are extrapolations based on aggregate figures provided by the Department of Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>
 See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

TABLE 3
Occupations With The Greatest Absolute Job Growth (1)
1997 - 2004
NORTH CENTRAL CONSORTIUM

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE
		1999(2)	2006		
49023	CASHIERS	1,920	2,310	390	20.3
49011	SALESPERSONS, RETAIL	1,920	2,270	350	18.2
55347	GENERAL OFFICE CLERKS	1,110	1,380	270	24.3
31521	TEACHER AIDES, PARAPROFESSIONAL	1,130	1,380	250	22.1
43021	TRAVEL AGENTS	30	280	250	833.3
19005	GENERAL MANAGERS, TOP EXECUTIVES	1,150	1,380	230	20.0
32502	REGISTERED NURSES	940	1,150	210	22.3
68014	AMUSEMENT, RECREATION ATTENDANTS	240	410	170	70.8
87102	CARPENTERS	400	560	160	40.0
97105	TRUCK DRIVERS, LIGHT	710	850	140	19.7
27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	240	370	130	54.2
31305	TEACHERS--ELEMENTARY SCHOOL	1,650	1,780	130	7.9
31308	TEACHERS--SECONDARY SCHOOL	780	900	120	15.4
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	470	590	120	25.5
67005	JANITORS, CLEANERS--EXCEPT MAIDS	910	1,030	120	13.2
85132	MAINT REPAIRERS, GENL UTILITY	690	810	120	17.4
97102	TRUCK DRIVERS, HEAVY	650	770	120	18.5
55305	RECEPTIONISTS, INFORMATION CLERKS	480	590	110	22.9
79041	LABORERS, LANDSCAPING/GROUNDSKEE	490	600	110	22.4
22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	280	380	100	35.7

Source: Employment Development Department, Labor Market Information Division,
Information Services Group and Occupational Employment Statistics Group

(1) Occupational Projections available online at www.calmis.ca.gov

(2) March 1998 Benchmark

* Median Hourly Wages for the North Central Consortium, which includes Colusa, Glenn, Lake, Sutter, and Yuba Counties are not necessarily calculated at the county level. Wages for these individual counties can be obtained at [http://www.calmis.ca.gov/file/occup\\$oes\\$.htm](http://www.calmis.ca.gov/file/occupoes.htm) or for further information call 262-2162.

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 1 — San Diego Metropolitan Statistical Area

San Diego							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,450	\$13,850	\$19,010	\$23,460	\$27,690	\$32,380	\$4,690
6 Months	\$4,225	\$6,925	\$9,505	\$11,730	\$13,845	\$16,190	\$2,345
100%	\$12,070	\$19,780	\$27,150	\$33,510	\$39,550	\$46,250	\$6,700
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 2 — Los Angeles/Riverside/Orange County Metropolitan Statistical Area

Anaheim	Los Angeles County					San Bernardino County	
Carson/Lomita/Torrance	Orange County					SELACO	
Foothill	Riverside County					South Bay	
Long Beach	Santa Ana					Ventura	
Los Angeles City	San Bernardino City					Verdugo	
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,900	\$12,940	\$17,770	\$21,930	\$25,880	\$30,270	\$4,390
6 Months	\$3,950	\$6,470	\$8,885	\$10,965	\$12,940	\$15,135	\$2,195
100%	\$11,280	\$18,490	\$25,380	\$31,330	\$36,970	\$43,240	\$6,270
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 3 — San Francisco/Oakland/San Jose Metropolitan Statistical Area

Alameda	Oakland						Santa Cruz
Contra Costa	Richmond						Solano
Marin	San Francisco						Sonoma
Napa	San Jose						
NOVA	San Mateo						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,570	\$14,040	\$19,270	\$23,790	\$28,080	\$32,840	\$4,760
6 Months	\$4,285	\$7,020	\$9,635	\$11,895	\$14,040	\$16,420	\$2,380
100%	\$12,240	\$20,060	\$27,540	\$33,990	\$40,110	\$46,910	\$6,800
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 4 — Other Metropolitan Areas

Fresno	NoRTEC						Stanislaus
Golden Sierra	North Central						Tulare
Kern/Inyo/Mono	Sacramento						Yolo
Merced	San Joaquin						
Monterey	Santa Barbara						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,820	\$12,810	\$17,580	\$21,700	\$25,610	\$29,950	\$4,340
6 Months	\$3,910	\$6,405	\$8,790	\$10,850	\$12,805	\$14,975	\$2,170
100%	\$11,160	\$18,290	\$25,110	\$30,990	\$36,570	\$42,770	\$6,200
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 5 — Nonmetropolitan Areas

Humboldt		Mother Lode					
Imperial		San Benito					
Kings		San Luis Obispo					
Madera							
Mendocino							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,560	\$12,390	\$17,010	\$20,990	\$24,770	\$28,970	\$4,200
6 Months	\$3,780	\$6,195	\$8,505	\$10,495	\$12,385	\$14,485	\$2,100
100%	\$10,800	\$17,690	\$24,290	\$29,980	\$35,380	\$41,380	\$6,000
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Source: State of California, Workforce Investment Division, Workforce Investment Act Directive,
Number: WIAD01-18, Dated June 11, 2002.

(a) Tables 1 through 5 show the 70 percent LLSIL and the poverty guidelines for western metropolitan and nonmetropolitan areas, and for three specific Metropolitan Statistical Areas in California. In addition, each LLSIL table includes the 100 percent LLSIL that establishes the Department of Labor's minimum self-sufficiency levels. Each table specifies which areas encompass which Local Workforce Investment Area (LWIA). For a family of one, in all tables, the poverty guidelines exceed the 70 percent LLSIL and, therefore, should be used to establish the low-income status. For all other family sizes, the LLSILs exceed the poverty guidelines. The last column in each table shows the amount to be added to the figure for a family of six for each additional family member.

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: NORTH CENTRAL COUNTIES

JURISDICTIONS INCLUDED: COLUSA, GLENN, LAKE, SUTTER AND YUBA COUNTIES--CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)		
EMPLOYED		89,725
UNEMPLOYED		12,318
UNEMPLOYMENT RATE		12.1
NOT IN LABOR FORCE (2)		78,772
2002 VETERAN INFORMATION		
TOTAL VETERANS (3)		19,631
MALE		18,488
FEMALE		1,143
VIETNAM ERA VETERANS - CENSUS 2000 (4)		8,104
DISABLED VETERANS (5)		3,249
OFFENDERS (6)		5,758

1990 CENSUS (7)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 13.3

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (8)

	14 - 15 (9)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	1,685	100.0	3,634	100.0	16,321	100.0	3,652	100.0	23,607	100.0
BY RACE:										
WHITE NOT HISPANIC	976	57.9	1,869	51.4	9,938	60.9	2,880	78.8	14,687	62.2
BLACK NOT HISPANIC	38	2.3	93	2.5	174	1.1	83	2.3	350	1.5
AMERICAN INDIAN NOT HISP	29	1.7	167	4.6	409	2.5	106	2.9	682	2.9
ASIAN NOT HISPANIC	144	8.6	240	6.6	1,333	8.2	299	8.2	1,872	7.9
PACIFIC ISLAND NOT HISP	0	0	0	0	0	0	0	0	0	0
HISPANIC	497	29.5	1,265	34.8	4,467	27.4	285	7.8	6,017	25.5
BY SEX:										
MALE	690	40.9	1,746	48.1	7,081	43.4	1,567	42.9	10,394	44.0
FEMALE	995	59.1	1,888	51.9	9,240	56.6	2,085	57.1	13,213	56.0
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	61	3.6	1,190	32.7	7,562	46.3	1,676	45.9	10,428	44.2
GRADUATES	0	0	119	3.3	3,870	23.7	904	24.8	4,893	20.7
STUDENTS	509	30.2	1,623	44.7	406	2.5	23	0.6	2,052	8.7
DISABLED	20	1.2	349	9.6	3,063	18.8	1,616	44.2	5,028	21.3
LIMITED ENGLISH PROF	70	4.2	529	14.6	2,771	17.0	178	4.9	3,478	14.7

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

Footnotes and data sources:

Source: Employment Development Department, Labor Market Information Division,
Current Economic Statistics Group.

Note: Data provided are the most recent available.

- (1) Labor force in this category refers to civilian labor force (16 years and older). This category includes, but is not limited to, the economically disadvantaged. Labor Force data are based on preliminary data (monthly average) for the period 12/2001 through 11/2002. March 2001 Benchmark.
- (2) Not in labor force (16 years and older) are those who are not employed and not actively seeking employment. This category includes, but is not limited to, the economically disadvantaged. Not in labor force data are based on preliminary labor force data (12/01 - 11/02), Department of Finance populations estimates as of 1/02 and working age populations from 1990 census data.
- (3) Department of Veterans Affairs, Office of the Actuary, Estimated Veteran Totals, September 30, 2002, Washington, D.C.
- (4) U.S. Census Bureau, Census 2000, American FactFinder.
- (5) Department of Veterans Affairs, Statistics for Veterans Receiving Compensation and Pension Benefits, February 14, 2002, Washington, D.C.
- (6) 2001 Criminal Justice Profile, California Department of Justice.
- (7) Based on poverty data from the 1990 census. The 2000 census data will not be available until 2005. The economically disadvantaged population was provided by the Employment and Training Administration from a custom tabulation provided by the United States Bureau of Census.
- (8) Data for each characteristic in this section were derived by an independent estimating process using census summary data and census public use micro sample. Totals may not match other data from the same sources.
- (9) Data are not included in **Total 16 - 72** column.

• **Table DP-1. Profile of General Demographic Characteristics: 2000**

Geographic Area: Sutter County, California

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	78,930	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	78,930	100.0
Male.....	39,061	49.5	Hispanic or Latino (of any race).....	17,529	22.2
Female.....	39,869	50.5	Mexican.....	15,138	19.2
Under 5 years.....	5,728	7.3	Puerto Rican.....	193	0.2
5 to 9 years.....	6,631	8.4	Cuban.....	33	-
10 to 14 years.....	6,577	8.3	Other Hispanic or Latino.....	2,165	2.7
15 to 19 years.....	6,148	7.8	Not Hispanic or Latino.....	61,401	77.8
20 to 24 years.....	5,015	6.4	White alone.....	47,532	60.2
25 to 34 years.....	10,423	13.2	RELATIONSHIP		
35 to 44 years.....	11,826	15.0	Total population	78,930	100.0
45 to 54 years.....	9,848	12.5	In households.....	77,547	98.2
55 to 59 years.....	3,751	4.8	Householder.....	27,033	34.2
60 to 64 years.....	3,228	4.1	Spouse.....	15,418	19.5
65 to 74 years.....	5,367	6.8	Child.....	25,925	32.8
75 to 84 years.....	3,218	4.1	Own child under 18 years.....	20,279	25.7
85 years and over.....	1,170	1.5	Other relatives.....	5,436	6.9
Median age (years).....	34.1	(X)	Under 18 years.....	2,015	2.6
18 years and over.....	56,061	71.0	Nonrelatives.....	3,735	4.7
Male.....	27,212	34.5	Unmarried partner.....	1,414	1.8
Female.....	28,849	36.6	In group quarters.....	1,383	1.8
21 years and over.....	52,704	66.8	Institutionalized population.....	1,042	1.3
62 years and over.....	11,586	14.7	Noninstitutionalized population.....	341	0.4
65 years and over.....	9,755	12.4	HOUSEHOLD BY TYPE		
Male.....	4,183	5.3	Total households	27,033	100.0
Female.....	5,572	7.1	Family households (families).....	19,946	73.8
RACE			With own children under 18 years.....	10,239	37.9
One race.....	75,302	95.4	Married-couple family.....	15,418	57.0
White.....	53,291	67.5	With own children under 18 years.....	7,455	27.6
Black or African American.....	1,509	1.9	Female householder, no husband present.....	3,151	11.7
American Indian and Alaska Native.....	1,225	1.6	With own children under 18 years.....	1,997	7.4
Asian.....	8,884	11.3	Nonfamily households.....	7,087	26.2
Asian Indian.....	6,989	8.9	Householder living alone.....	5,732	21.2
Chinese.....	275	0.3	Householder 65 years and over.....	2,325	8.6
Filipino.....	426	0.5	Households with individuals under 18 years.....	11,334	41.9
Japanese.....	439	0.6	Households with individuals 65 years and over.....	6,677	24.7
Korean.....	135	0.2	Average household size.....	2.87	(X)
Vietnamese.....	78	0.1	Average family size.....	3.35	(X)
Other Asian ¹	542	0.7	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	161	0.2	Total housing units	28,319	100.0
Native Hawaiian.....	35	-	Occupied housing units.....	27,033	95.5
Guamanian or Chamorro.....	74	0.1	Vacant housing units.....	1,286	4.5
Samoan.....	15	-	For seasonal, recreational, or		
Other Pacific Islander ²	37	-	occasional use.....	114	0.4
Some other race.....	10,232	13.0	Homeowner vacancy rate (percent).....	1.5	(X)
Two or more races.....	3,628	4.6	Rental vacancy rate (percent).....	4.8	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units	27,033	100.0
White.....	56,027	71.0	Owner-occupied housing units.....	16,632	61.5
Black or African American.....	1,858	2.4	Renter-occupied housing units.....	10,401	38.5
American Indian and Alaska Native.....	2,335	3.0	Average household size of owner-occupied units.....	2.90	(X)
Asian.....	10,256	13.0	Average household size of renter-occupied units.....	2.82	(X)
Native Hawaiian and Other Pacific Islander.....	340	0.4			
Some other race.....	11,978	15.2			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-2. Profile of Selected Social Characteristics: 2000

Geographic area: Sutter County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
SCHOOL ENROLLMENT			NATIVITY AND PLACE OF BIRTH		
Population 3 years and over enrolled in school.....	22,869	100.0	Total population.....	78,930	100.0
Nursery school, preschool.....	1,197	5.2	Native.....	63,702	80.7
Kindergarten.....	1,340	5.9	Born in United States.....	62,803	79.6
Elementary school (grades 1-8).....	10,818	47.3	State of residence.....	45,584	57.8
High school (grades 9-12).....	5,442	23.8	Different state.....	17,219	21.8
College or graduate school.....	4,072	17.8	Born outside United States.....	899	1.1
			Foreign born.....	15,228	19.3
			Entered 1990 to March 2000.....	6,776	8.6
			Naturalized citizen.....	5,333	6.8
			Not a citizen.....	9,895	12.5
EDUCATIONAL ATTAINMENT			REGION OF BIRTH OF FOREIGN BORN		
Population 25 years and over.....	49,071	100.0	Total (excluding born at sea).....	15,228	100.0
Less than 9th grade.....	6,243	12.7	Europe.....	675	4.4
9th to 12th grade, no diploma.....	7,017	14.3	Asia.....	6,152	40.4
High school graduate (includes equivalency).....	11,569	23.6	Africa.....	40	0.3
Some college, no degree.....	12,277	25.0	Oceania.....	76	0.5
Associate degree.....	4,463	9.1	Latin America.....	8,121	53.3
Bachelor's degree.....	5,334	10.9	Northern America.....	164	1.1
Graduate or professional degree.....	2,168	4.4			
Percent high school graduate or higher.....	73.0	(X)	LANGUAGE SPOKEN AT HOME		
Percent bachelor's degree or higher.....	15.3	(X)	Population 5 years and over.....	73,266	100.0
			English only.....	51,048	69.7
MARITAL STATUS			Language other than English.....	22,218	30.3
Population 15 years and over.....	60,031	100.0	Speak English less than "very well".....	11,645	15.9
Never married.....	13,385	22.3	Spanish.....	12,980	17.7
Now married, except separated.....	35,497	59.1	Speak English less than "very well".....	7,432	10.1
Separated.....	1,167	1.9	Other Indo-European languages.....	8,001	10.9
Widowed.....	3,957	6.6	Speak English less than "very well".....	3,733	5.1
Female.....	3,241	5.4	Asian and Pacific Island languages.....	1,030	1.4
Divorced.....	6,025	10.0	Speak English less than "very well".....	395	0.5
Female.....	3,437	5.7			
GRANDPARENTS AS CAREGIVERS			ANCESTRY (single or multiple)		
Grandparent living in household with one or more own grandchildren under 18 years.....	2,279	100.0	Total population.....	78,930	100.0
Grandparent responsible for grandchildren.....	800	35.1	Total ancestries reported.....	80,110	101.5
			Arab.....	113	0.1
VETERAN STATUS			Czech ¹	153	0.2
Civilian population 18 years and over ..	55,801	100.0	Danish.....	603	0.8
Civilian veterans.....	8,116	14.5	Dutch.....	1,306	1.7
			English.....	6,968	8.8
DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION			French (except Basque) ¹	2,040	2.6
Population 5 to 20 years.....	20,316	100.0	French Canadian ¹	324	0.4
With a disability.....	1,606	7.9	German.....	9,024	11.4
Population 21 to 64 years.....	42,435	100.0	Greek.....	302	0.4
With a disability.....	9,348	22.0	Hungarian.....	96	0.1
Percent employed.....	54.7	(X)	Irish ¹	6,816	8.6
No disability.....	33,087	78.0	Italian.....	2,952	3.7
Percent employed.....	68.7	(X)	Lithuanian.....	47	0.1
Population 65 years and over.....	9,093	100.0	Norwegian.....	1,103	1.4
With a disability.....	3,702	40.7	Polish.....	725	0.9
			Portuguese.....	939	1.2
RESIDENCE IN 1995			Russian.....	191	0.2
Population 5 years and over.....	73,266	100.0	Scotch-Irish.....	1,035	1.3
Same house in 1995.....	37,829	51.6	Scottish.....	1,357	1.7
Different house in the U.S. in 1995.....	32,771	44.7	Slovak.....	31	-
Same county.....	18,647	25.5	Subsaharan African.....	139	0.2
Different county.....	14,124	19.3	Swedish.....	1,085	1.4
Same state.....	11,517	15.7	Swiss.....	379	0.5
Different state.....	2,607	3.6	Ukrainian.....	37	-
Elsewhere in 1995.....	2,666	3.6	United States or American.....	5,848	7.4
			Welsh.....	531	0.7
			West Indian (excluding Hispanic groups).....	68	0.1
			Other ancestries.....	35,898	45.5

-Represents zero or rounds to zero. (X) Not applicable.

¹The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

Geographic area: Sutter County, California

[illegible]

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-4. Profile of Selected Housing Characteristics: 2000

Geographic area: Sutter County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units	28,319	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units	27,033	100.0
1-unit, detached	19,771	69.8	1.00 or less	23,979	88.7
1-unit, attached	1,187	4.2	1.01 to 1.50	1,643	6.1
2 units	582	2.1	1.51 or more	1,411	5.2
3 or 4 units	1,306	4.6			
5 to 9 units	478	1.7	Specified owner-occupied units	13,994	100.0
10 to 19 units	799	2.8	VALUE		
20 or more units	2,504	8.8	Less than \$50,000	244	1.7
Mobile home	1,620	5.7	\$50,000 to \$99,999	3,852	27.5
Boat, RV, van, etc	72	0.3	\$100,000 to \$149,999	6,264	44.8
			\$150,000 to \$199,999	2,108	15.1
YEAR STRUCTURE BUILT			\$200,000 to \$299,999	1,126	8.0
1999 to March 2000	328	1.2	\$300,000 to \$499,999	297	2.1
1995 to 1998	1,774	6.3	\$500,000 to \$999,999	78	0.6
1990 to 1994	3,555	12.6	\$1,000,000 or more	25	0.2
1980 to 1989	4,446	15.7	Median (dollars)	120,700	(X)
1970 to 1979	6,446	22.8			
1960 to 1969	4,373	15.4	MORTGAGE STATUS AND SELECTED		
1940 to 1959	5,349	18.9	MONTHLY OWNER COSTS		
1939 or earlier	2,048	7.2	With a mortgage	10,683	76.3
ROOMS			Less than \$300	46	0.3
1 room	388	1.4	\$300 to \$499	495	3.5
2 rooms	1,694	6.0	\$500 to \$699	1,116	8.0
3 rooms	2,934	10.4	\$700 to \$999	3,177	22.7
4 rooms	4,806	17.0	\$1,000 to \$1,499	4,065	29.0
5 rooms	5,669	20.0	\$1,500 to \$1,999	1,300	9.3
6 rooms	5,818	20.5	\$2,000 or more	484	3.5
7 rooms	3,818	13.5	Median (dollars)	1,051	(X)
8 rooms	2,005	7.1	Not mortgaged	3,311	23.7
9 or more rooms	1,187	4.2	Median (dollars)	283	(X)
Median (rooms)	5.3	(X)			
Occupied housing units	27,033	100.0	SELECTED MONTHLY OWNER COSTS		
YEAR HOUSEHOLDER MOVED INTO UNIT			AS A PERCENTAGE OF HOUSEHOLD		
1999 to March 2000	5,660	20.9	INCOME IN 1999		
1995 to 1998	8,048	29.8	Less than 15.0 percent	4,402	31.5
1990 to 1994	4,926	18.2	15.0 to 19.9 percent	2,322	16.6
1980 to 1989	3,982	14.7	20.0 to 24.9 percent	2,029	14.5
1970 to 1979	2,464	9.1	25.0 to 29.9 percent	1,367	9.8
1969 or earlier	1,953	7.2	30.0 to 34.9 percent	1,026	7.3
			35.0 percent or more	2,720	19.4
			Not computed	128	0.9
VEHICLES AVAILABLE					
None	2,147	7.9	Specified renter-occupied units	10,148	100.0
1	8,537	31.6	GROSS RENT		
2	10,693	39.6	Less than \$200	198	2.0
3 or more	5,656	20.9	\$200 to \$299	623	6.1
			\$300 to \$499	3,936	38.8
HOUSE HEATING FUEL			\$500 to \$749	3,333	32.8
Utility gas	17,497	64.7	\$750 to \$999	1,131	11.1
Bottled, tank, or LP gas	1,400	5.2	\$1,000 to \$1,499	482	4.7
Electricity	7,024	26.0	\$1,500 or more	27	0.3
Fuel oil, kerosene, etc	49	0.2	No cash rent	418	4.1
Coal or coke	3	-	Median (dollars)	506	(X)
Wood	899	3.3			
Solar energy	7	-	GROSS RENT AS A PERCENTAGE OF		
Other fuel	61	0.2	HOUSEHOLD INCOME IN 1999		
No fuel used	93	0.3	Less than 15.0 percent	1,883	18.6
			15.0 to 19.9 percent	1,418	14.0
SELECTED CHARACTERISTICS			20.0 to 24.9 percent	1,354	13.3
Lacking complete plumbing facilities	157	0.6	25.0 to 29.9 percent	1,113	11.0
Lacking complete kitchen facilities	160	0.6	30.0 to 34.9 percent	805	7.9
No telephone service	516	1.9	35.0 percent or more	3,084	30.4
			Not computed	491	4.8

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Yuba County, California

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population.....	60,219	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population.....	60,219	100.0
Male.....	30,346	50.4	Hispanic or Latino (of any race).....	10,449	17.4
Female.....	29,873	49.6	Mexican.....	8,587	14.3
Under 5 years.....	4,960	8.2	Puerto Rican.....	221	0.4
5 to 9 years.....	5,303	8.8	Cuban.....	43	0.1
10 to 14 years.....	5,356	8.9	Other Hispanic or Latino.....	1,598	2.7
15 to 19 years.....	4,962	8.2	Not Hispanic or Latino.....	49,770	82.6
20 to 24 years.....	4,542	7.5	White alone.....	39,320	65.3
25 to 34 years.....	7,908	13.1	RELATIONSHIP		
35 to 44 years.....	8,946	14.9	Total population.....	60,219	100.0
45 to 54 years.....	7,062	11.7	In households.....	58,885	97.8
55 to 59 years.....	2,609	4.3	Householder.....	20,535	34.1
60 to 64 years.....	2,161	3.6	Spouse.....	10,926	18.1
65 to 74 years.....	3,607	6.0	Child.....	20,030	33.3
75 to 84 years.....	2,193	3.6	Own child under 18 years.....	16,320	27.1
85 years and over.....	610	1.0	Other relatives.....	3,711	6.2
Median age (years).....	31.4	(X)	Under 18 years.....	1,680	2.8
18 years and over.....	41,529	69.0	Nonrelatives.....	3,683	6.1
Male.....	20,697	34.4	Unmarried partner.....	1,335	2.2
Female.....	20,832	34.6	In group quarters.....	1,334	2.2
21 years and over.....	38,630	64.1	Institutionalized population.....	483	0.8
62 years and over.....	7,644	12.7	Noninstitutionalized population.....	851	1.4
65 years and over.....	6,410	10.6	HOUSEHOLD BY TYPE		
Male.....	2,866	4.8	Total households.....	20,535	100.0
Female.....	3,544	5.9	Family households (families).....	14,801	72.1
RACE			With own children under 18 years.....	7,819	38.1
One race.....	56,641	94.1	Married-couple family.....	10,926	53.2
White.....	42,537	70.6	With own children under 18 years.....	5,366	26.1
Black or African American.....	1,904	3.2	Female householder, no husband present.....	2,740	13.3
American Indian and Alaska Native.....	1,569	2.6	With own children under 18 years.....	1,776	8.6
Asian.....	4,519	7.5	Nonfamily households.....	5,734	27.9
Asian Indian.....	281	0.5	Householder living alone.....	4,456	21.7
Chinese.....	167	0.3	Householder 65 years and over.....	1,675	8.2
Filipino.....	459	0.8	Households with individuals under 18 years.....	8,767	42.7
Japanese.....	200	0.3	Households with individuals 65 years and over ..	4,705	22.9
Korean.....	133	0.2	Average household size.....	2.87	(X)
Vietnamese.....	64	0.1	Average family size.....	3.34	(X)
Other Asian ¹	3,215	5.3	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	123	0.2	Total housing units.....	22,636	100.0
Native Hawaiian.....	40	0.1	Occupied housing units.....	20,535	90.7
Guamanian or Chamorro.....	34	0.1	Vacant housing units.....	2,101	9.3
Samoan.....	12	-	For seasonal, recreational, or		
Other Pacific Islander ²	37	0.1	occasional use.....	410	1.8
Some other race.....	5,989	9.9	Homeowner vacancy rate (percent).....	1.8	(X)
Two or more races.....	3,578	5.9	Rental vacancy rate (percent).....	6.7	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units.....	20,535	100.0
White.....	45,559	75.7	Owner-occupied housing units.....	11,105	54.1
Black or African American.....	2,433	4.0	Renter-occupied housing units.....	9,430	45.9
American Indian and Alaska Native.....	3,141	5.2	Average household size of owner-occupied units.....	2.73	(X)
Asian.....	5,369	8.9	Average household size of renter-occupied units.....	3.03	(X)
Native Hawaiian and Other Pacific Islander.....	306	0.5			
Some other race.....	7,236	12.0			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-2. Profile of Selected Social Characteristics: 2000

Geographic area: Yuba County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
SCHOOL ENROLLMENT			NATIVITY AND PLACE OF BIRTH		
Population 3 years and over enrolled in school	18,858	100.0	Total population	60,219	100.0
Nursery school, preschool	1,020	5.4	Native	52,288	86.8
Kindergarten	950	5.0	Born in United States	51,440	85.4
Elementary school (grades 1-8)	8,712	46.2	State of residence	33,885	56.3
High school (grades 9-12)	4,444	23.6	Different state	17,555	29.2
College or graduate school	3,732	19.8	Born outside United States	848	1.4
			Foreign born	7,931	13.2
			Entered 1990 to March 2000	3,408	5.7
			Naturalized citizen	2,595	4.3
			Not a citizen	5,336	8.9
EDUCATIONAL ATTAINMENT			REGION OF BIRTH OF FOREIGN BORN		
Population 25 years and over	35,218	100.0	Total (excluding born at sea)	7,931	100.0
Less than 9th grade	4,355	12.4	Europe	817	10.3
9th to 12th grade, no diploma	5,569	15.8	Asia	2,677	33.8
High school graduate (includes equivalency)	9,589	27.2	Africa	39	0.5
Some college, no degree	9,026	25.6	Oceania	13	0.2
Associate degree	3,042	8.6	Latin America	4,240	53.5
Bachelor's degree	2,400	6.8	Northern America	145	1.8
Graduate or professional degree	1,237	3.5			
Percent high school graduate or higher	71.8	(X)	LANGUAGE SPOKEN AT HOME		
Percent bachelor's degree or higher	10.3	(X)	Population 5 years and over	55,394	100.0
			English only	43,268	78.1
MARITAL STATUS			Language other than English	12,126	21.9
Population 15 years and over	44,715	100.0	Speak English less than "very well"	6,357	11.5
Never married	11,044	24.7	Spanish	7,258	13.1
Now married, except separated	23,998	53.7	Speak English less than "very well"	3,934	7.1
Separated	1,355	3.0	Other Indo-European languages	1,111	2.0
Widowed	2,870	6.4	Speak English less than "very well"	314	0.6
Female	2,158	4.8	Asian and Pacific Island languages	3,709	6.7
Divorced	5,448	12.2	Speak English less than "very well"	2,101	3.8
Female	2,955	6.6			
GRANDPARENTS AS CAREGIVERS			ANCESTRY (single or multiple)		
Grandparent living in household with one or more own grandchildren under 18 years	1,490	100.0	Total population	60,219	100.0
Grandparent responsible for grandchildren	676	45.4	Total ancestries reported	61,229	101.7
			Arab	71	0.1
VETERAN STATUS			Czech ¹	117	0.2
Civilian population 18 years and over ..	39,252	100.0	Danish	349	0.6
Civilian veterans	6,679	17.0	Dutch	1,068	1.8
			English	5,183	8.6
DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION			French (except Basque) ¹	1,828	3.0
Population 5 to 20 years	16,316	100.0	French Canadian ¹	422	0.7
With a disability	1,658	10.2	German	7,842	13.0
Population 21 to 64 years	30,141	100.0	Greek	162	0.3
With a disability	8,830	29.3	Hungarian	135	0.2
Percent employed	42.1	(X)	Irish ¹	5,914	9.8
No disability	21,311	70.7	Italian	2,159	3.6
Percent employed	66.7	(X)	Lithuanian	50	0.1
Population 65 years and over	6,091	100.0	Norwegian	552	0.9
With a disability	3,217	52.8	Polish	911	1.5
			Portuguese	681	1.1
RESIDENCE IN 1995			Russian	307	0.5
Population 5 years and over	55,394	100.0	Scotch-Irish	935	1.6
Same house in 1995	26,170	47.2	Scottish	1,287	2.1
Different house in the U.S. in 1995	27,464	49.6	Slovak	16	-
Same county	13,013	23.5	Subsaharan African	156	0.3
Different county	14,451	26.1	Swedish	685	1.1
Same state	9,681	17.5	Swiss	124	0.2
Different state	4,770	8.6	Ukrainian	29	-
Elsewhere in 1995	1,760	3.2	United States or American	4,988	8.3
			Welsh	299	0.5
			West Indian (excluding Hispanic groups)	71	0.1
			Other ancestries	24,888	41.3

-Represents zero or rounds to zero. (X) Not applicable.

¹The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-3. Profile of Selected Economic Characteristics: 2000

Geographic area: Yuba County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
EMPLOYMENT STATUS			INCOME IN 1999		
Population 16 years and over	43,708	100.0	Households	20,552	100.0
In labor force	25,172	57.6	Less than \$10,000	2,810	13.7
Civilian labor force	22,810	52.2	\$10,000 to \$14,999	1,784	8.7
Employed	20,223	46.3	\$15,000 to \$24,999	3,694	18.0
Unemployed	2,587	5.9	\$25,000 to \$34,999	3,360	16.3
Percent of civilian labor force	11.3	(X)	\$35,000 to \$49,999	3,747	18.2
Armed Forces	2,362	5.4	\$50,000 to \$74,999	2,943	14.3
Not in labor force	18,536	42.4	\$75,000 to \$99,999	1,260	6.1
Females 16 years and over	21,886	100.0	\$100,000 to \$149,999	614	3.0
In labor force	11,093	50.7	\$150,000 to \$199,999	167	0.8
Civilian labor force	10,699	48.9	\$200,000 or more	173	0.8
Employed	9,438	43.1	Median household income (dollars)	30,460	(X)
Own children under 6 years	5,489	100.0	With earnings	15,758	76.7
All parents in family in labor force	2,736	49.8	Mean earnings (dollars) ¹	39,757	(X)
COMMUTING TO WORK			With Social Security income	5,333	25.9
Workers 16 years and over	21,990	100.0	Mean Social Security income (dollars) ¹	10,170	(X)
Car, truck, or van -- drove alone	16,098	73.2	With Supplemental Security income	2,101	10.2
Car, truck, or van -- carpooled	3,920	17.8	Mean Supplemental Security Income		
Public transportation (including taxicab)	149	0.7	(dollars) ¹	6,468	(X)
Walked	529	2.4	With public assistance income	1,956	9.5
Other means	403	1.8	Mean public assistance income (dollars) ¹	4,978	(X)
Worked at home	891	4.1	With retirement income	3,464	16.9
Mean travel time to work (minutes) ¹	26.2	(X)	Mean retirement income (dollars) ¹	18,338	(X)
Employed civilian population			Families	14,954	100.0
16 years and over	20,223	100.0	Less than \$10,000	1,389	9.3
OCCUPATION			\$10,000 to \$14,999	1,097	7.3
Management, professional, and related			\$15,000 to \$24,999	2,538	17.0
occupations	4,655	23.0	\$25,000 to \$34,999	2,650	17.7
Service occupations	3,757	18.6	\$35,000 to \$49,999	2,973	19.9
Sales and office occupations	4,994	24.7	\$50,000 to \$74,999	2,440	16.3
Farming, fishing, and forestry occupations	936	4.6	\$75,000 to \$99,999	1,044	7.0
Construction, extraction, and maintenance			\$100,000 to \$149,999	542	3.6
occupations	2,523	12.5	\$150,000 to \$199,999	144	1.0
Production, transportation, and material moving			\$200,000 or more	137	0.9
occupations	3,358	16.6	Median family income (dollars)	34,103	(X)
INDUSTRY			Per capita income (dollars) ¹	14,124	(X)
Agriculture, forestry, fishing and hunting,			Median earnings (dollars):		
and mining	1,347	6.7	Male full-time, year-round workers	27,845	(X)
Construction	1,886	9.3	Female full-time, year-round workers	21,301	(X)
Manufacturing	1,830	9.0			
Wholesale trade	701	3.5			
Retail trade	2,662	13.2			
Transportation and warehousing, and utilities	1,239	6.1			
Information	400	2.0			
Finance, insurance, real estate, and rental and					
leasing	659	3.3			
Professional, scientific, management, adminis-					
trative, and waste management services	1,626	8.0			
Educational, health and social services	4,133	20.4			
Arts, entertainment, recreation, accommodation					
and food services	1,407	7.0			
Other services (except public administration)	1,284	6.3			
Public administration	1,049	5.2			
CLASS OF WORKER					
Private wage and salary workers	14,256	70.5			
Government workers	3,851	19.0			
Self-employed workers in own not incorporated					
business	1,940	9.6			
Unpaid family workers	176	0.9			

-Represents zero or rounds to zero. (X) Not applicable.

¹If the denominator of a mean value or per capita value is less than 30, then that value is calculated using a rounded aggregate in the numerator. See text.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-4. Profile of Selected Housing Characteristics: 2000

Geographic area: Yuba County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units.....	22,636	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units	20,535	100.0
1-unit, detached.....	13,925	61.5	1.00 or less.....	18,227	88.8
1-unit, attached.....	1,242	5.5	1.01 to 1.50.....	1,178	5.7
2 units.....	715	3.2	1.51 or more.....	1,130	5.5
3 or 4 units.....	964	4.3			
5 to 9 units.....	916	4.0	Specified owner-occupied units.....	7,753	100.0
10 to 19 units.....	312	1.4	VALUE		
20 or more units.....	1,062	4.7	Less than \$50,000.....	415	5.4
Mobile home.....	3,271	14.5	\$50,000 to \$99,999.....	4,481	57.8
Boat, RV, van, etc.....	229	1.0	\$100,000 to \$149,999.....	1,618	20.9
			\$150,000 to \$199,999.....	685	8.8
YEAR STRUCTURE BUILT			\$200,000 to \$299,999.....	458	5.9
1999 to March 2000.....	322	1.4	\$300,000 to \$499,999.....	96	1.2
1995 to 1998.....	830	3.7	\$500,000 to \$999,999.....	-	-
1990 to 1994.....	1,797	7.9	\$1,000,000 or more.....	-	-
1980 to 1989.....	3,758	16.6	Median (dollars).....	89,700	(X)
1970 to 1979.....	5,114	22.6			
1960 to 1969.....	4,341	19.2	MORTGAGE STATUS AND SELECTED		
1940 to 1959.....	4,763	21.0	MONTHLY OWNER COSTS		
1939 or earlier.....	1,711	7.6	With a mortgage.....	5,583	72.0
			Less than \$300.....	68	0.9
ROOMS			\$300 to \$499.....	418	5.4
1 room.....	426	1.9	\$500 to \$699.....	1,203	15.5
2 rooms.....	1,251	5.5	\$700 to \$999.....	2,041	26.3
3 rooms.....	2,978	13.2	\$1,000 to \$1,499.....	1,383	17.8
4 rooms.....	4,538	20.0	\$1,500 to \$1,999.....	315	4.1
5 rooms.....	5,909	26.1	\$2,000 or more.....	155	2.0
6 rooms.....	4,547	20.1	Median (dollars).....	867	(X)
7 rooms.....	1,735	7.7	Not mortgaged.....	2,170	28.0
8 rooms.....	822	3.6	Median (dollars).....	246	(X)
9 or more rooms.....	430	1.9			
Median (rooms).....	4.9	(X)	SELECTED MONTHLY OWNER COSTS		
Occupied housing units	20,535	100.0	AS A PERCENTAGE OF HOUSEHOLD		
YEAR HOUSEHOLDER MOVED INTO UNIT			INCOME IN 1999		
1999 to March 2000.....	4,821	23.5	Less than 15.0 percent.....	2,596	33.5
1995 to 1998.....	6,074	29.6	15.0 to 19.9 percent.....	1,018	13.1
1990 to 1994.....	3,247	15.8	20.0 to 24.9 percent.....	1,037	13.4
1980 to 1989.....	3,188	15.5	25.0 to 29.9 percent.....	901	11.6
1970 to 1979.....	1,907	9.3	30.0 to 34.9 percent.....	557	7.2
1969 or earlier.....	1,298	6.3	35.0 percent or more.....	1,597	20.6
			Not computed.....	47	0.6
VEHICLES AVAILABLE			Specified renter-occupied units	9,271	100.0
None.....	1,944	9.5	GROSS RENT		
1.....	6,951	33.8	Less than \$200.....	355	3.8
2.....	7,730	37.6	\$200 to \$299.....	548	5.9
3 or more.....	3,910	19.0	\$300 to \$499.....	3,050	32.9
			\$500 to \$749.....	2,609	28.1
HOUSE HEATING FUEL			\$750 to \$999.....	728	7.9
Utility gas.....	10,388	50.6	\$1,000 to \$1,499.....	180	1.9
Bottled, tank, or LP gas.....	2,629	12.8	\$1,500 or more.....	-	-
Electricity.....	5,535	27.0	No cash rent.....	1,801	19.4
Fuel oil, kerosene, etc.....	59	0.3	Median (dollars).....	488	(X)
Coal or coke.....	-	-			
Wood.....	1,791	8.7	GROSS RENT AS A PERCENTAGE OF		
Solar energy.....	14	0.1	HOUSEHOLD INCOME IN 1999		
Other fuel.....	101	0.5	Less than 15.0 percent.....	1,143	12.3
No fuel used.....	18	0.1	15.0 to 19.9 percent.....	1,209	13.0
			20.0 to 24.9 percent.....	946	10.2
SELECTED CHARACTERISTICS			25.0 to 29.9 percent.....	807	8.7
Lacking complete plumbing facilities.....	185	0.9	30.0 to 34.9 percent.....	546	5.9
Lacking complete kitchen facilities.....	206	1.0	35.0 percent or more.....	2,683	28.9
No telephone service.....	589	2.9	Not computed.....	1,937	20.9

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Explanation Of Terms And Concepts

American Indian and Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintain tribal affiliation or community attachment.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.

Black or African American: A person having origins in any of the Black racial groups of Africa.

CalWORKs: California Work Opportunity and Responsibility to Kids is a state designed public assistance program. Focus is on work and training; those who seek welfare must also seek work. Time and aid limits apply.

Food Stamp Recipient: A person receiving food stamp coupons that can be exchanged for groceries.

General Relief: A county administered assistance program which includes interim payments to the disabled, and payments to individuals who are ineligible for other assistance programs, such as CalWORKs and Refugee Cash Assistance.

Hispanic: Census 2000 adheres to the federal standards for collecting and presenting data on race and Hispanic origin as established by the Office of Management and Budget (OMB) in October 1997. The OMB defines Hispanic or Latino as "a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race."

Native Hawaiian and Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Public Assistance Recipient: A person receiving cash welfare payments and/or nonmonetary benefits under federal, state, or local welfare programs.

Refugee Cash Assistance: A cash assistance and employment services program designed for adults without children who have official status as refugee, and who have been in the United States for less than eight months. Aid is limited to eight months.

Some Other Race: Includes all other census responses not included in the "White," "Black or African American," "American Indian and Alaska Native," "Asian," and the "Native Hawaiian and Other Pacific Islander" race categories. Respondents providing write-in entries such as multiracial, mixed, interracial, or a Hispanic/Latino group (for example, Mexican, Puerto Rican, or Cuban) are included in this category.

Two or More Races: Refers to a classification of census respondents who chose to provide two or more races.

Veteran: A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran: A person who served between August 5, 1964, and May 7, 1975, but is not now serving in the armed forces of the United States.

Welfare-To-Work Program: The Welfare-To-Work Program helps family members acquire the skills needed to get a job. The county will determine if a family must participate in Welfare-To-Work activities as a requirement for CalWORKs. Families may also volunteer to participate.

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.



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